

# AUDIO-VIDEO SURROUND RECEIVER

## KR-V5080/V5580/V6080

### SERVICE MANUAL

# KENWOOD

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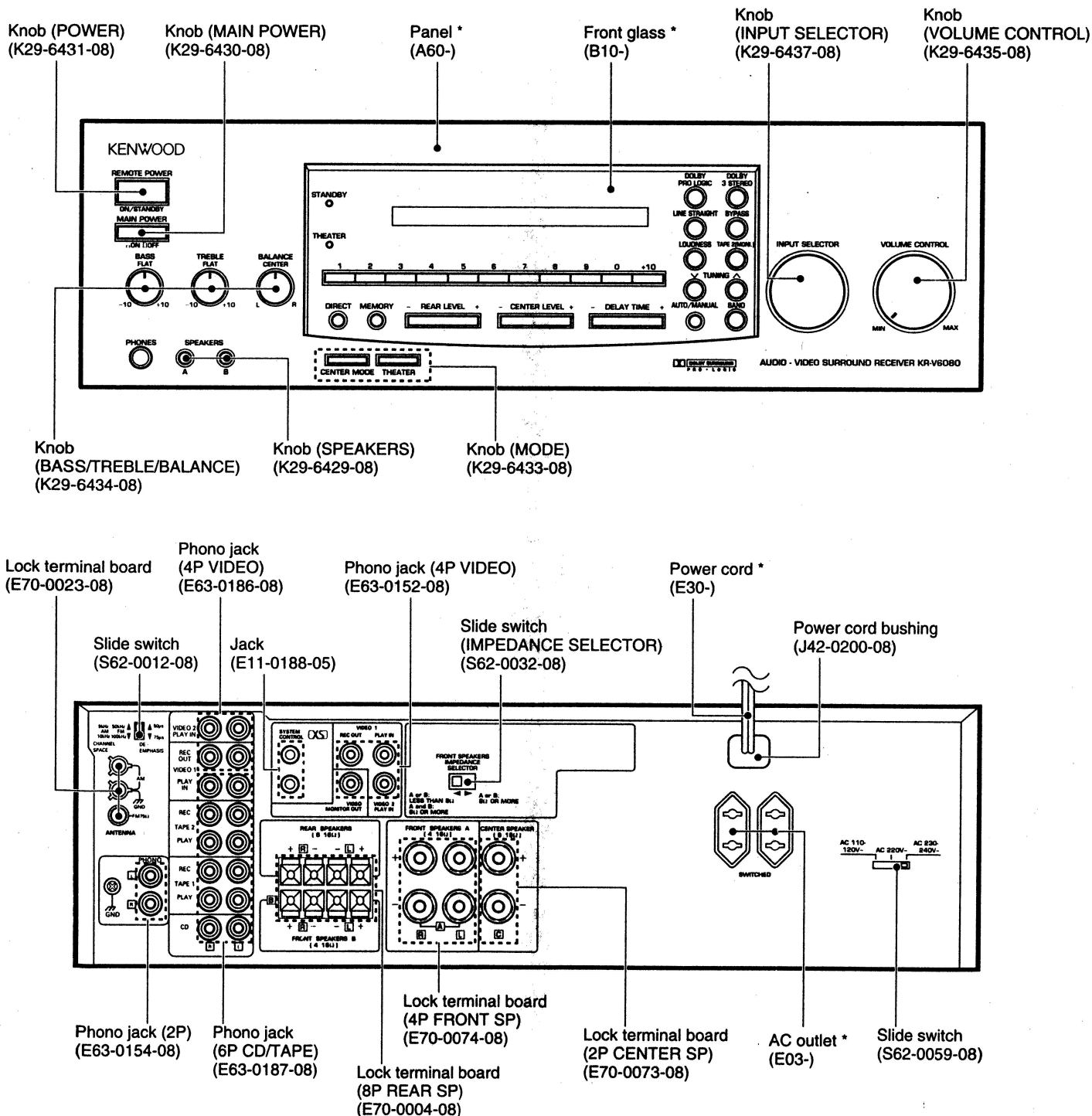


Illustration is KR-V6080(M).

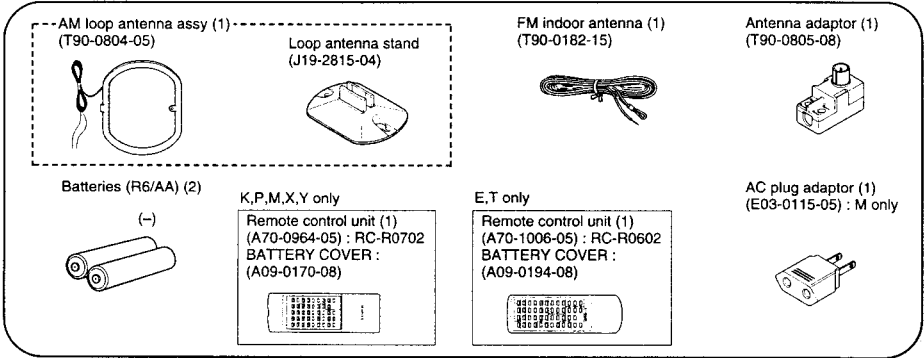
\* Refer to parts list on page 50.

# KR-V5080/V5580/V6080

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### Accessories



# KR-V5080/V5580/V6080

## EXTERNAL VIEW

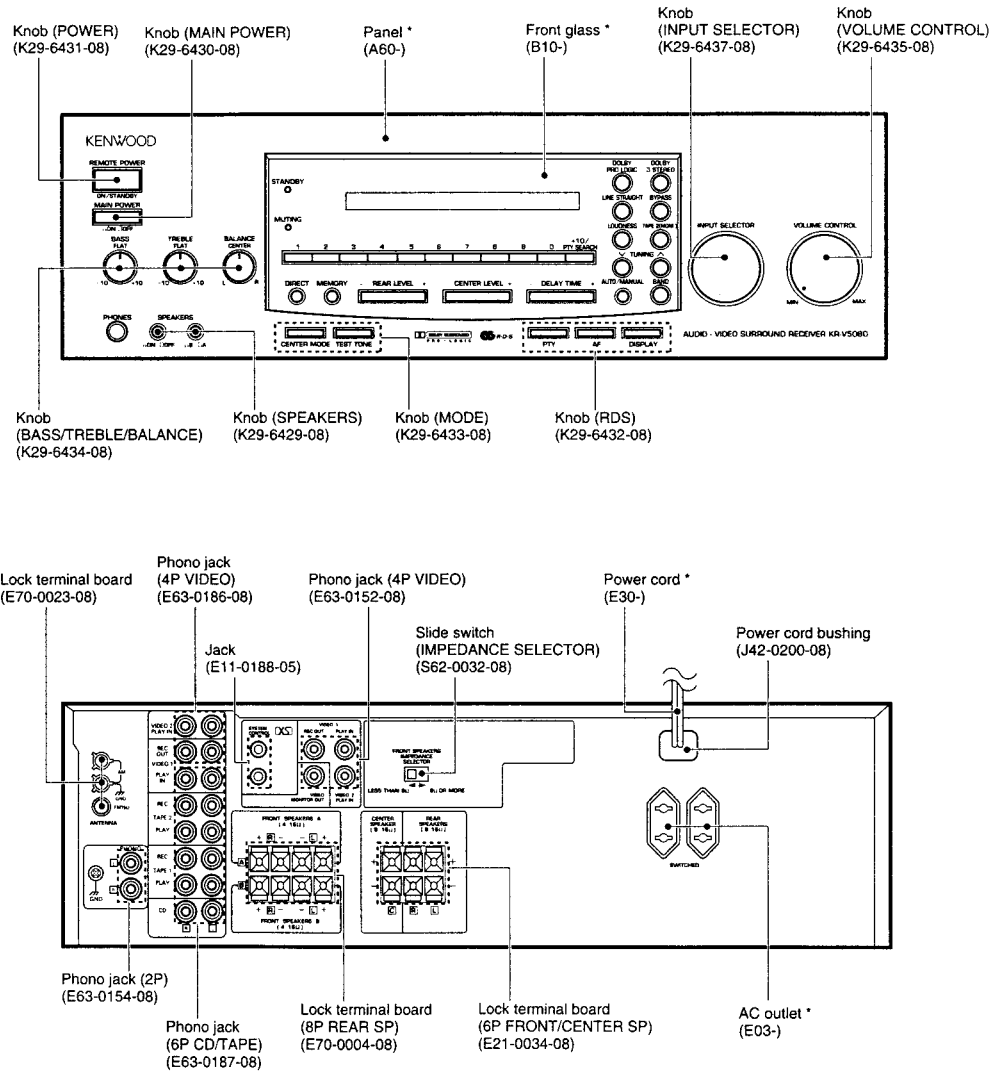


Illustration is KR-V5080(E).

\* Refer to parts list on page 50.

## CIRCUIT DESCRIPTION

## 1. Conditions according to the destination and model

## TUNER

Destination	DIODE SW			BAND	Receiving Remarks	Channel Space	IF	Reference Frequency
	DSW2 D933	DSW1 D934	DSW0 D935					
K1 (1700)	0	0	0	FM	87.5 MHz ~ 108.0 MHz	100 kHz	+ 10.7 MHz	50 kHz
				AM	530 kHz ~ 1700 kHz	10 kHz	+ 450 kHz	10 kHz
K2 (1610)	0	0	1	FM	87.5 MHz ~ 108.0 MHz	100 kHz	+ 10.7 MHz	50 kHz
				AM	530 kHz ~ 1610 kHz	10 kHz	+ 450 kHz	10 kHz
E1	0	1	1	FM	87.5 MHz ~ 108.0 MHz	50 kHz	+ 10.7 MHz	50 kHz
				AM	531 kHz ~ 1602 kHz	9 kHz	+ 450 kHz	9 kHz
E3 (RDS)	1	0	1	FM	87.5 MHz ~ 108.0 MHz	50 kHz	+ 10.7 MHz	50 kHz
				AM	531 kHz ~ 1602 kHz	9 kHz	+ 450 kHz	9 kHz
M	0	X	1	K2/E1 changes by only setting "DSW1". (DSW1 = 0: K2 Type, 1: E1 type)				

\* DIODE SW (DSWX): 0 = Without DIODE (when static, input LOW)  
1 = With DIODE (when static, input HIGH)  
X = TRANSISTOR SW (0 = OFF 1 = ON)

## AMP

MODEL	DIODE SW	DSW 4	DSW 3	Surround function	IMPEDANCE SELECTOR (4/8Ω)
	Ref. No.	D931	D932		
KR-V6080		0	1	PRO-LOGIC, 3 STEREO, THEATER LOGIC	AUTO

0: NO DIODE 1: ADD DIODE

## 2. KEY MATRIX

## Key Matrix List [( ): μ-com IC port]

KRTN KSCN	KR0 (59)	KR1 (58)	KR2 (57)	KR3 (56)	KR4 (55)
KS0 (68)	7 (10 KEY)	6 (10 KEY)	1 (10 KEY)	BYPASS	LINE STRAIGHT
KS1 (67)	8 (10 KEY)	5 (10 KEY)	SP.B	TAPE2	PRO LOGIC
KS2 (66)	9 (10 KEY)	4 (10 KEY)	SP.A	DELAY +TIME	DELAY - TIME
KS3 (65)	0 (10 KEY)	AUTO	POWER ON /STAND BY	CENTER +LEVEL	CENTER -LEVEL
KS4 (64)	+10	3 (10 KEY)	MEMORY	REAR +LEVEL	REAR -LEVEL
KS5 (63)	∇ TUNING	2 (10 KEY)	—	*2 TEST TONE	THEATER *3 LOGIC
KS6 (62)	BAND	—	DIRECT	3 STEREO	LOUDNESS
KS7 (61)	*1 DISPLAY	*1 PTY	*1 AF	∧ TUNING	CENTER MODE
KS8 (60)	*4 DSW0	*4 DSW1	*4 DSW2	*3 DSW3	*3 DSW4

\*1 The destination is E type only.  
For another destination, there is no key. (RDS function)  
\*2 KR-V5080/V5580 only  
\*3 KR-V6080 only  
\*4 Used for discrimination of the destination.

## CIRCUIT DESCRIPTION

## 3. Function initial setting

## ① POWER OFF

## ② AMP system

- AUDIO SELECTOR TUNER
- IMAGE SELECTOR VIDEO 1
- SPEAKER A ON
- SPEAKER B OFF
- TAPE 2 MONITOR OFF
- LINE STRAIGHT OFF
- LOUDNESS OFF

## ③ TUNER system

- BAND FM
- FREQUENCY Lower limit of FM (87.5 MHz)
- TUNING MODE AUTO TUNING (AUTO STEREO)
- P. CH DISPLAY —ch

## ④ SURROUND system

- MODE BYPASS (OFF)
- CENTER LEVEL 0 dB
- REAR LEVEL 0 dB
- PROLOGIC MODE NORMAL
- 3 STEREO MODE NORMAL
- DSP MODE ARENA
- PRESENCE LEVEL: DSP -0 dB  
THEATER LOGIC -4 dB
- DELAY TIME: DOLBY PROLOGIC 20 ms  
DSP 30 ms  
THEATER LOGIC 30 ms

## ⑤ TEST PRESET FREQUENCY

	K1 TYPE	K2 TYPE	E TYPE
01 ch	FM 98.00 MHz	FM 98.00 MHz	FM 98.00 MHz
02 ch	FM 108.00 MHz	FM 108.00 MHz	FM 108.00 MHz
03 ch	AM 630 kHz	AM 630 kHz	AM 630 kHz
04 ch	AM 990 kHz	AM 990 kHz	AM 990 kHz
05 ch	AM 1440 kHz	AM 1440 kHz	AM 1440 kHz
06 ch	AM 1610 kHz	AM 1610 kHz	AM 1602 kHz
07 ch	AM 1700 kHz	FM 87.50 MHz	FM 87.50 MHz
08 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
09 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
10 ch	FM 89.10 MHz	FM 89.10 MHz	FM 89.10 MHz
11 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
12 ch	FM 90.00 MHz	FM 90.00 MHz	FM 90.00 MHz
13 ch	FM 106.00 MHz	FM 106.00 MHz	FM 106.00 MHz
14 ch	AM 530 kHz	AM 530 kHz	AM 531 kHz
15 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
16 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
17 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
18 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
19 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
20 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz

The initial setting is performed in a following event:

- When backup memory data is destroyed when reset is applied to the microprocessor.
- When the power cord is plugged in to the AC wall outlet while pressing the POWER key.

# KR-V5080/V5580/V6080

## CIRCUIT DESCRIPTION

### 4. TEST MODE

#### Setting method

Plug the power cord in the AC electrical outlet while depressing the "TUNING DOWN" key.

#### Cancellation method

Unplug the power cord from the AC electrical outlet.

#### Contents

##### ① Starting the main unit test mode

When plug the power cord in the outlet while depressing the "TUNING DOWN" key, the test mode is entered which uses the main unit keys. At this time the following three actions occur:

- The power comes ON automatically.
- The fluorescent display and all LEDs illuminate.
- All conditions except POWER ON/OFF are initialized. The all-illuminated state is cleared by pressing any main unit key. Also, any conditions changed during test mode are reinitialized when the test mode is cleared (by turning the AC power supply OFF).

##### ② Automatic motor VR UP/DOWN (AMP)

Operating the "TAPE 2" key actuates the motor VR as follows: 16 seconds UP → 16 seconds DOWN → STOP. Accordingly, "TAPE 2 MONITOR" switching cannot be done during the main unit test mode.

##### ③ Mute signal output (AMP)

No Selector MUTE (MUTE 1) control regulation is done whatever.

##### ④ 0 ~ 9, + 10 testmode (TUNER)

- When the + 10 key is not operated, channels 1 through 9 (1 ~ 9 keys) and channel 10 (0 key) can be called.
- When the + 10 key is operated once, channels 11 through 19 (1 ~ 9 keys) and channel 20 (0 key) can be called.
- When the + 10 key is operated once more, the condition returns to that of a) above: "when the + 10 key is not operated."

##### ⑤ Operations that can only be done by remote control

- AMP system: NONE
- TUNER system: NONE
- SURROUND system

"P. CH CALL" key: Same operation as the "CENTER MODE" key.

"DIRECT" key: Same operation as "TEST TONE" key.

- Naturally enough, "P. CH CALL" "DIRECT" operation cannot be carried out.

##### ⑥ During the test mode, because there is no 4/8 switching input status display, the fluorescent "SPEAKERS" display is substituted instead.

(4/8 = Light on/Light off) As a result, please be careful concerning illumination of "SPEAKERS" during the test mode.

##### ⑦ Cancelling the main unit test mode

When the power cord unplug in the AC outlet during the main unit test mode, the test mode is cancelled and the initial condition restored.

# KR-V5080/V5580/V6080

## CIRCUIT DESCRIPTION

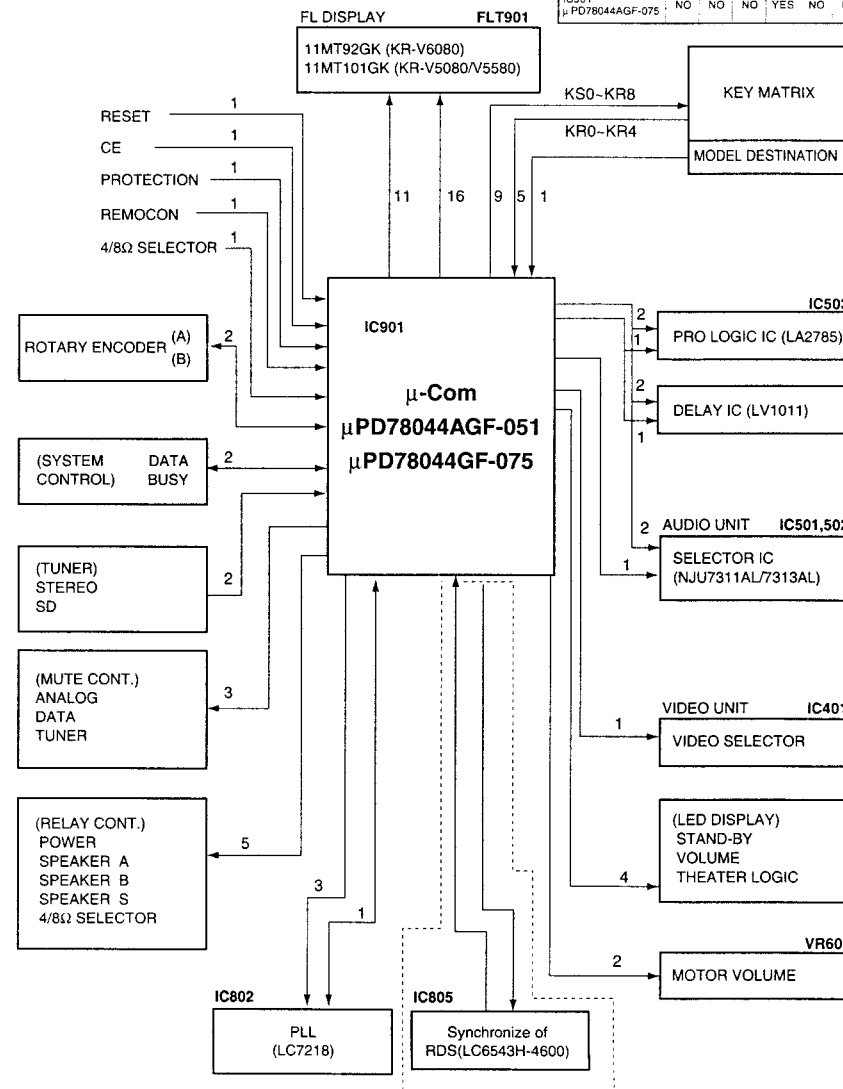
### 5. Microprocessor : $\mu$ PD78044AGF051 / $\mu$ PD78044AGF075 (X14: IC1)

#### ① Microprocessor periphery block diagram

$\mu$ PD78044GF-051 [K, P, M, X, Y type]

$\mu$ PD78044GF-075 [E, T type]

DESTINATION	KR-V6080				KR-V5580				KR-V5080			
	K,P	M,Y	X	T,E	K,P	M	X	T,E	X			
IC901 $\mu$ PD78044AGF-051	YES	YES	YES	NO	YES	YES	YES	NO	YES			
IC901 $\mu$ PD78044AGF-075	NO	NO	NO	YES	NO	NO	NO	YES	NO			





## CIRCUIT DESCRIPTION

## ② Pin description

For pin numbers marked by an asterisk(\*) the upper row is  $\mu$ PD78044AGF 075 and the lower ( ) row is  $\mu$ PD78044GF051.

Pin No.	$\mu$ -Com No.	Port I/O	Name	Description
1		O	GRID 6	FL Grid 6
2		O	GRID 7	FL Grid 7
3		O	GRID 8	FL Grid 8
4		O	GRID 9	FL Grid 9
5		O	GRID 10	FL Grid 10
6		O	GRID 11	FL Grid 11
7		O	GRID 1	FL Grid 1
8		—	Vdd	Microprocessor power supply
9		O	CLOCK (COMMON)	Clock for control IC (ANALOG SW/PLL IC/DSP)
10		O	DATA (COMMON)	Data for control IC (ANALOG SW/PLL IC/DSP)
11		O	DSP/DELAY ST.	DSP IC Strobe for control (LA2785/LV1011)
12		O	SELECTOR ST.	Strobe for control selector IC
13		O	POWER RELAY	Power relay control H : POWER ON L : POWER OFF
14		O	SPEAKER B RELAY	Speaker B relay control H : SP B ON L : SP B OFF
15		O	SPEAKER A RELAY	Speaker A relay control H : SP A ON L : SP A OFF
16		O	SPEAKER S RELAY	Surround speaker relay control H : SP S ON L : SP S OFF
17		I	RESET	Microprocessor reset
18		O	4/8 CHANGEOVER RELAY	TAP control (KR-V6080 only) H : HIGH TAP L : LOW TAP
19		O	VIDEO 1/2 SELECTOR	VIDEO Selector H : VIDEO 2 L : VIDEO 1
20		—	AVss	A/D power supply (GND)
21		I	CE	Microprocessor CE
22		O	TUNER MUTE	TUNER MUTE control H : MUTE OFF L : MUTE ON
23		I	STEREO	Stereo signal detection H : MONORAL L : STEREO
24		I	SIGNAL DETECT	Synchronized signal detection H : NO TUNED L : TUNED
25		I	IF COUNT(PLL)	IF COUNT Data (PLL DO)
26		O	CE(PLL)	PLL CE
*27	$\mu$ PD78044AGF051	O		Unused
*27	$\mu$ PD78044AGF075	O	ATT(RDS)	Atineter control
*28	$\mu$ PD78044AGF051	O		Unused
*28	$\mu$ PD78044AGF075	O	SIGNAL LEVEL(RDS)	SIGNAL LEVEL (AD)
29		—	AVdd	A/D Power supply
30		—	AVref	&D Reference voltage (+5V)
31		I	PROTECT	Protection detection H : PROTECTION L : NORMAL
32		—	OPEN	
33		—	Vss	Microprocessor power supply(GND)
34		I	X1	4.19 MHz Oscillator
35		O	X2	4.19 MHz Oscillator
36		I	ENC_B	Encoder input B
37		I	ENC_A	Encoder input A
38		O	VOLUME LED	VOLUME LED control H : LED OFF L : LED ON
39		O	VOLUME UP	MOTOR VOLUME control (UP)
40		O	VOLUME DOWN	MOTOR VOLUME control (DOWN)
41		I/O	S.DATA	8 bit system DATA

## CIRCUIT DESCRIPTION

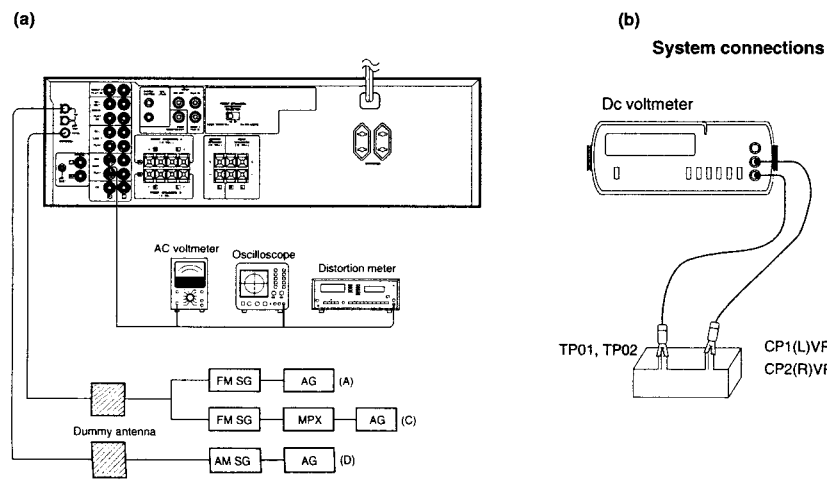
For pin numbers marked by an asterisk(\*) the upper row is  $\mu$ PD78044AGF 075 and the lower ( ) row is  $\mu$ PD78044GF51.

Pin No.	$\mu$ -Com No.	Port I/O	Name	Description
42		I/O	S.BUSY	8 bit system BUSY
*43	$\mu$ PD78044AGF051	O		Unused
*43	$\mu$ PD78044AGF075	O	RES(RDS)	RDS Reset
*44	$\mu$ PD78044AGF051	O		Unused
*44	$\mu$ PD78044AGF075	O	CLK(RDS)	RDS Clock
*45	$\mu$ PD78044AGF051	O		Unused
*45	$\mu$ PD78044AGF075	O	DATA(RDS)	RDS Data
*46	$\mu$ PD78044AGF051	O		Unused
*46	$\mu$ PD78044AGF075	O	START(RDS)	RDS Start
47		I	REMOCON	Remote control input
48		—	GND	
49		O	STAND-BY (LED)	STAND-BY LED Control H : LED OFF L : LED ON
50		O	THEATER LOGIC(LED)	THEATER LOGIC LED Control H : LED OFF L : LED ON
51		O	D MUTE	DATA MUTE
52		—	Vdd	Microprocessor power supply
53		O	MUTE	Selector MUTE control H : MUTE OFF L : MUTE ON
54		I	4/8 SELECTOR IN	Speaker impedance changeover H : 4 $\Omega$ L : 8 $\Omega$
55-59		I	KR 4-0	Key return 4-0
60-68		O	SEG 16-8/KS 8-0	FL Segment 16-8/key scan 8-0
69,70		O	SEG 1,2	FL Segment 1,2
71		—	Vload	FL Driver power supply ( -30V)
72-76		O	SEG 3-7	FL Segment 3-7
77-80		O	GRID 2-5	FL Grid 2-5

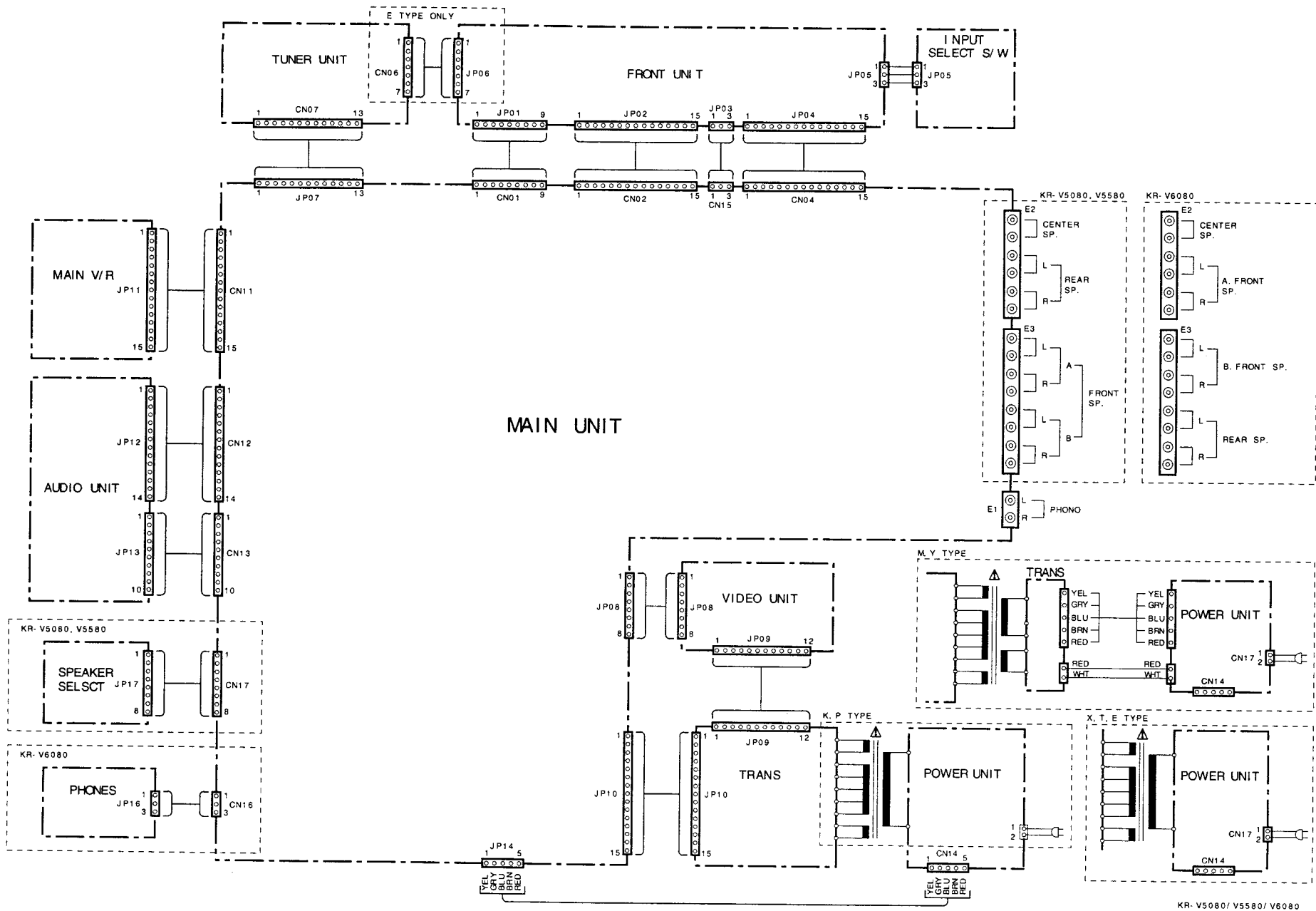
# KR-V5080/V5580/V6080

## ADJUSTMENT

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION (E,T type)                      SELECTOR : FM							
1	DISCRIMINATOR	(A) 98.0MHz 1kHz, ±40kHz dev. (E,T type) 60dBμ (ANT input)	Connect a DC voltmeter between TP801 and TP802	AUTO or MONO 98.0MHz	L804 (TUNER UNIT)	0V	(a)
2	DISTORTION (STEREO)	(C) 98.0MHz 1kHz, ±40kHz dev. Pilot: ±6kHz dev. (E,T type) 60dBμ (ANT input)	(B)	AUTO 98.0MHz	IFT (FM FRONT END)	Minimum distortion.	
AUDIO SECTION                      SPEAKER : ON							
1	IDLE CURRENT	—	(E) Connect a DC Volumeter across TP01 (L) TP02 (R)	Volume : 0	VR101 (L) VR102 (R)	10mV ±0.2mV KR-V6080  KR-V5080/V5580 4mV ±0.2mV	(b)



## WIRING DIAGRAM



A

B

C

D

E

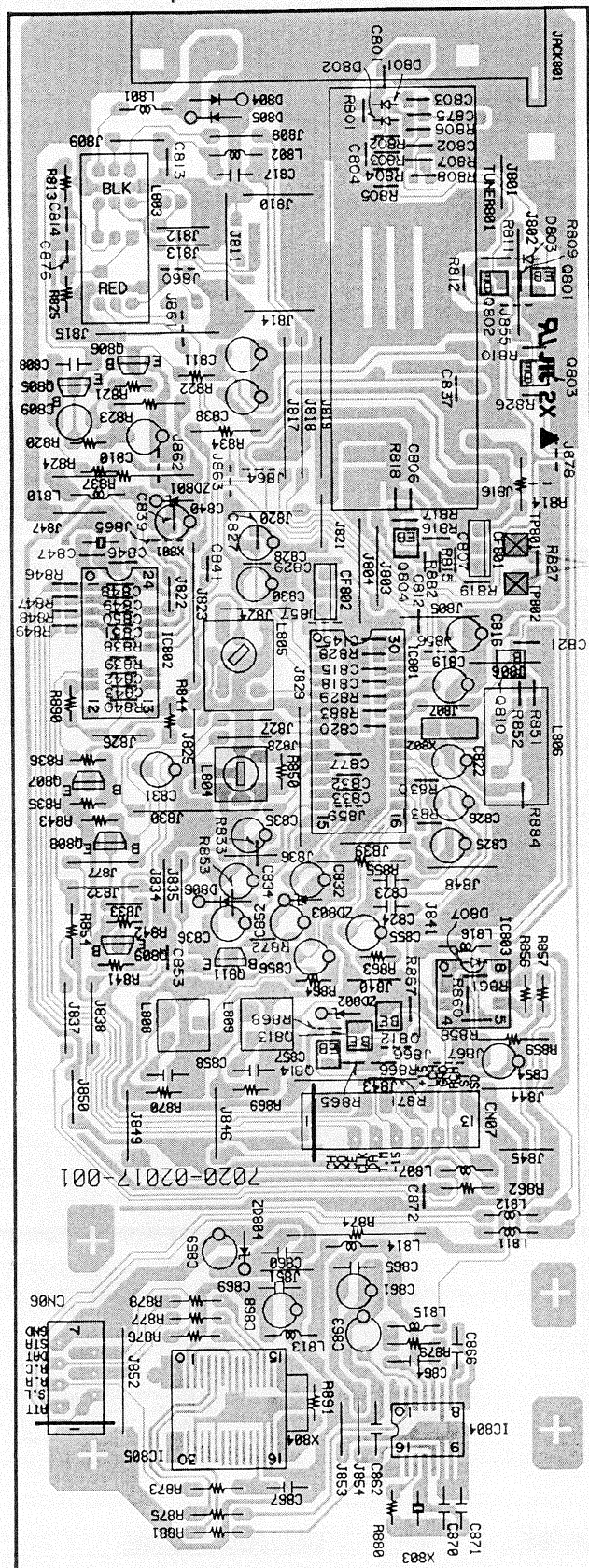
# PC BOARD (Component side view)

TUNER UNIT

AM

ANTENNA

FM75Ω



(a) Discriminator:

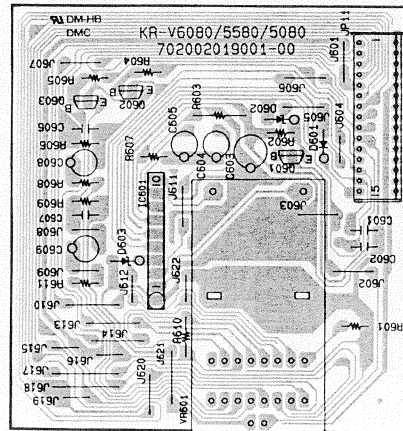
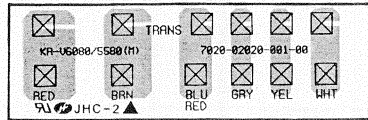
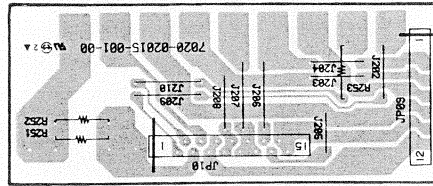
0V

DC Voltmeter

Refer to the schematic diagram for the values of resistors and capacitors.

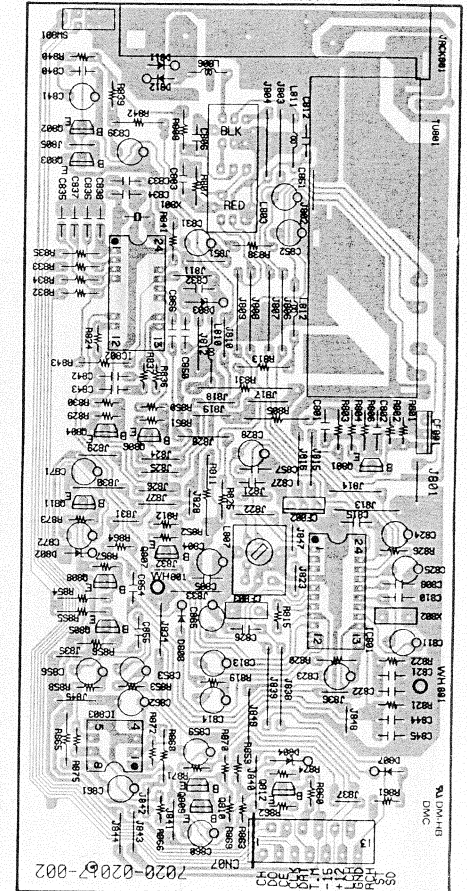
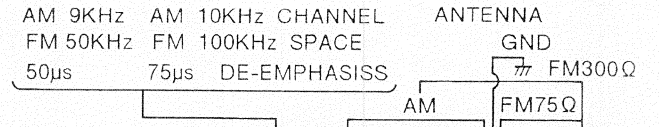
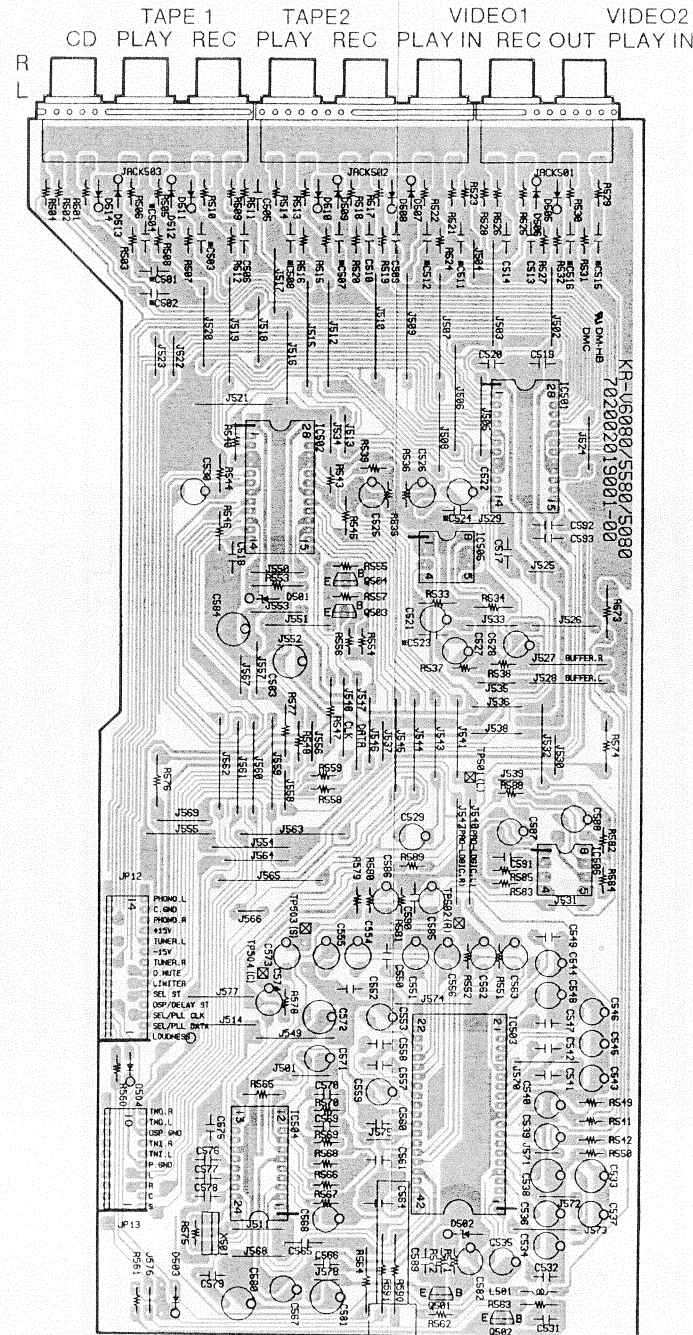
# PC BOARD (Component side view)

## AUDIO UNIT



## VOLUME CONTROL

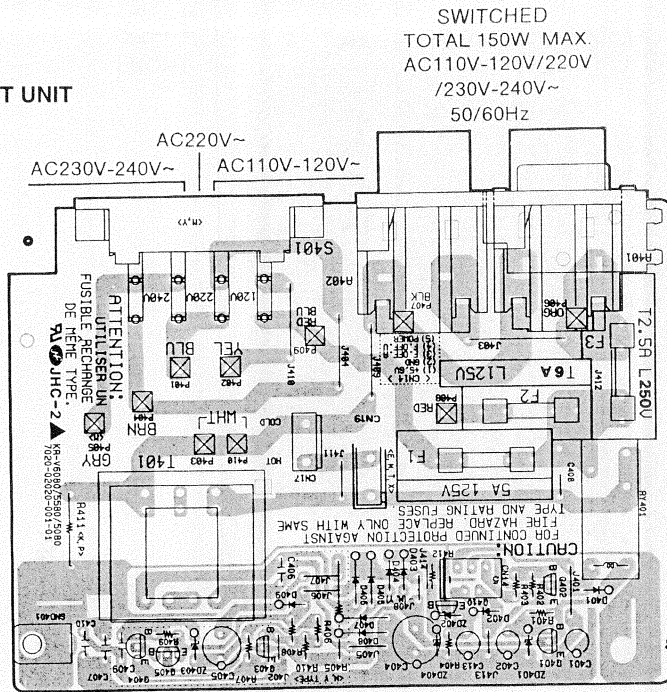
Refer to the schematic diagram for the values of resistors and capacitors.





# PC BOARD (Component side view)

FRONT UNIT

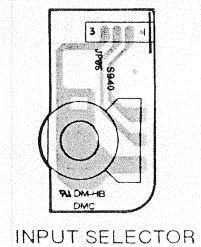
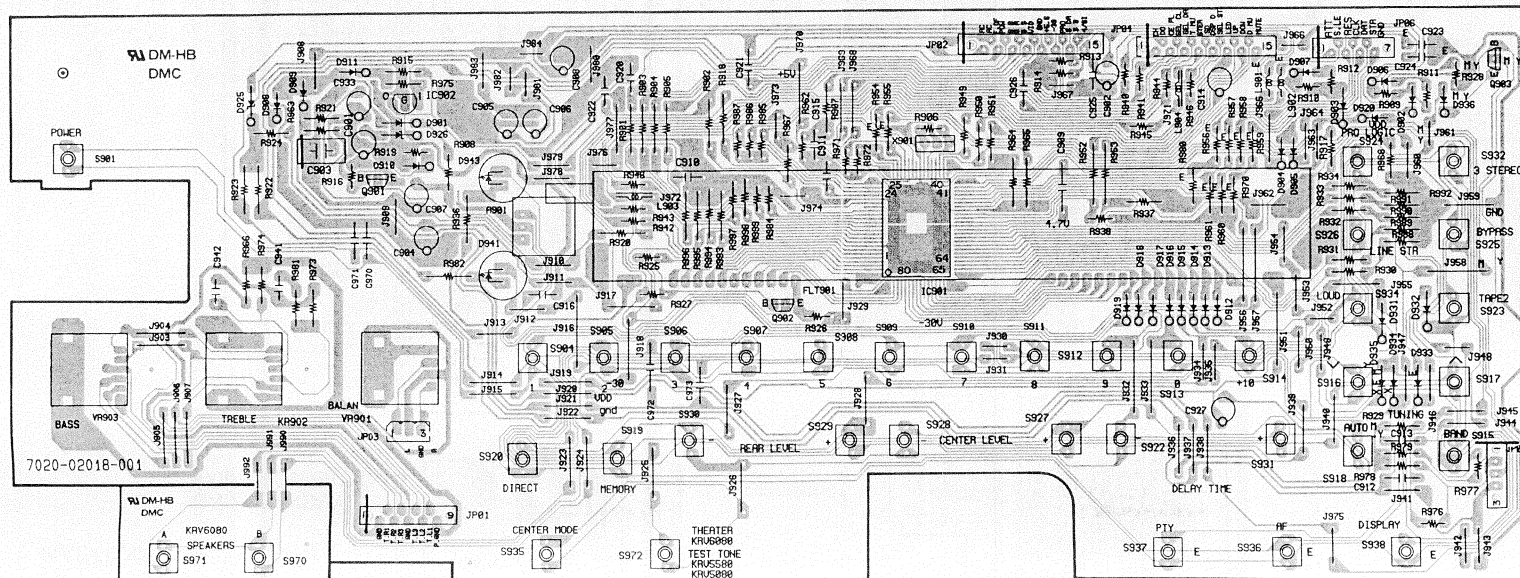
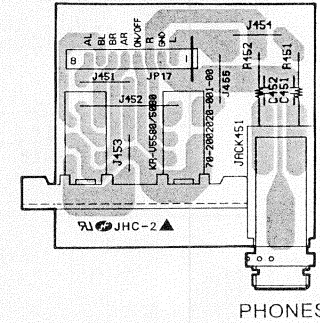
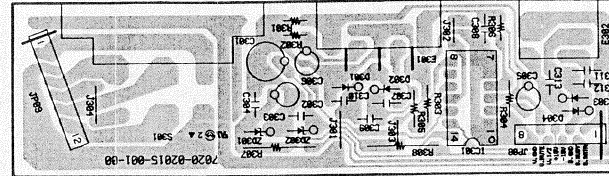


FRONT SPEAKERS  
IMPEDANCE SELECTOR

A or B:  
8 Ω OR MORE

A or B: LESS  
THAN 8 Ω

PLAY IN REC OUT  
VIDEO2 VIDEO  
PLAY IN MONITOR OUT  
SYSTEM CONTROL



FRONT

# PC BOARD (Component side view)

MAIN UNIT

ON / STANDBY  
MAIN POWER

PHONES

(b) Idle current : 4mV±0.2mV  
DC Voltmeter

FRONT

REAR  
SPEAKER

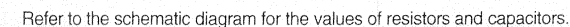
FRONT SPEAKER

702002016001-00

Refer to the schematic diagram for the values of resistors and capacitors.

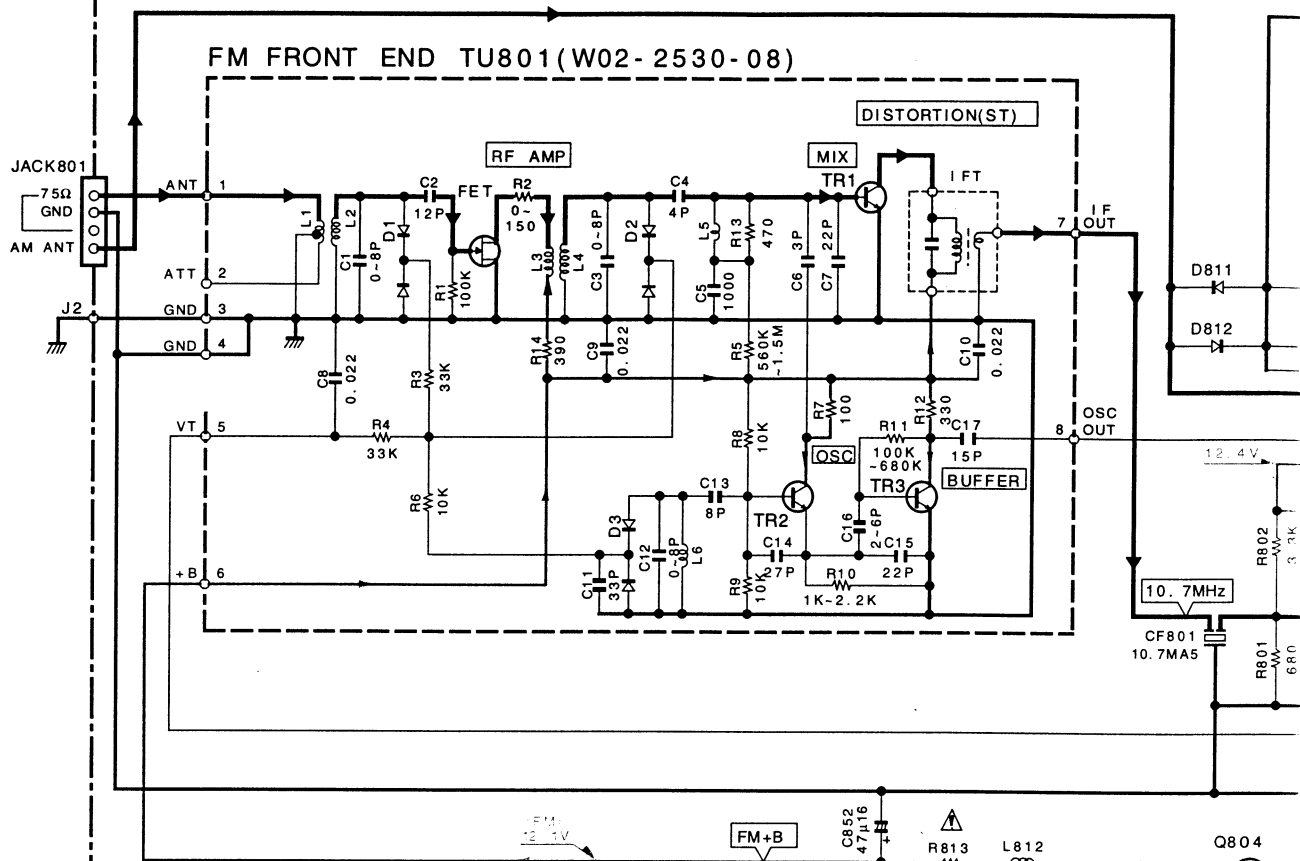


FRONT  
←





## TUNER UNIT WP4187K0(K, P) WP4187K1(M, Y) WP4187K2(X)

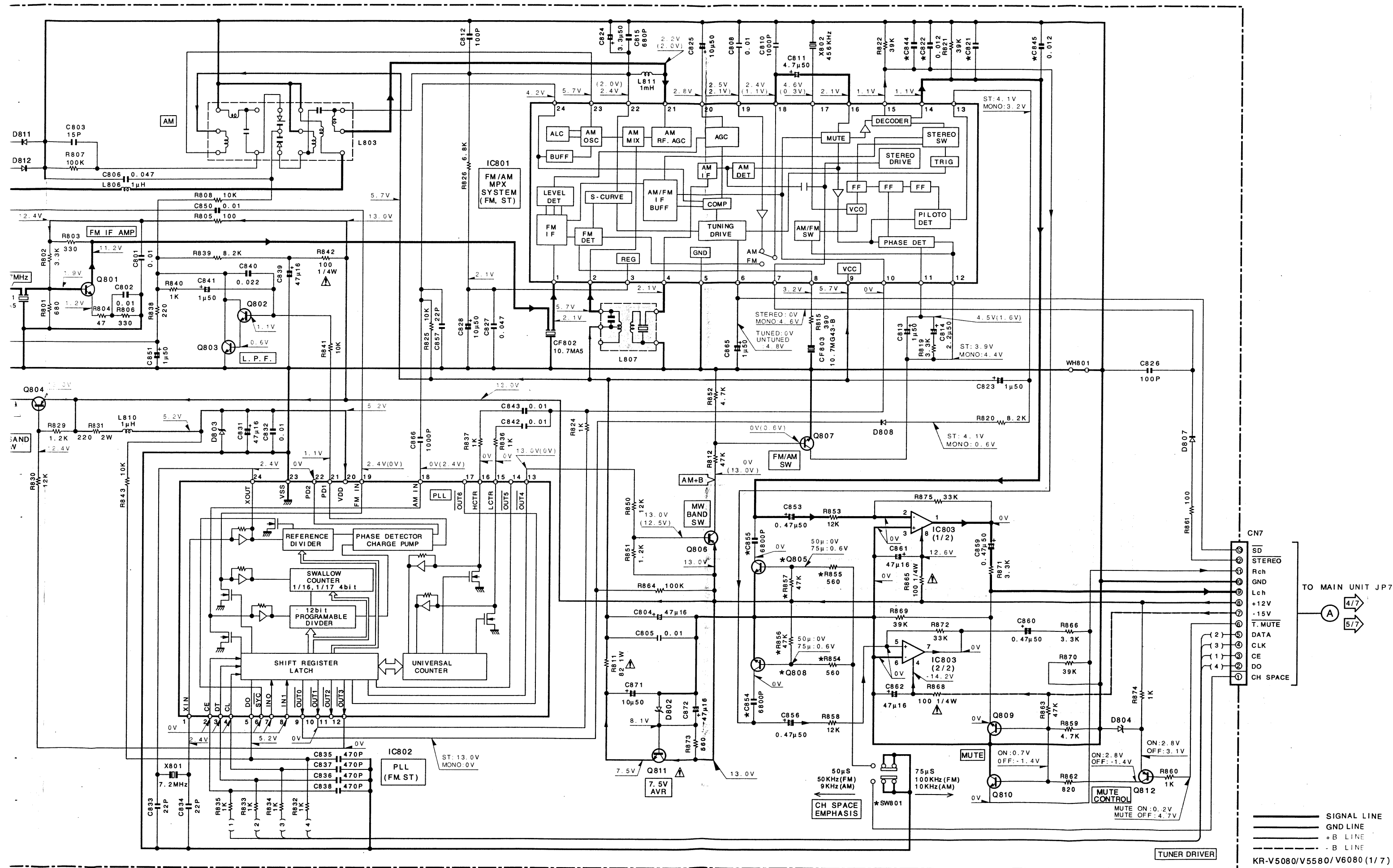


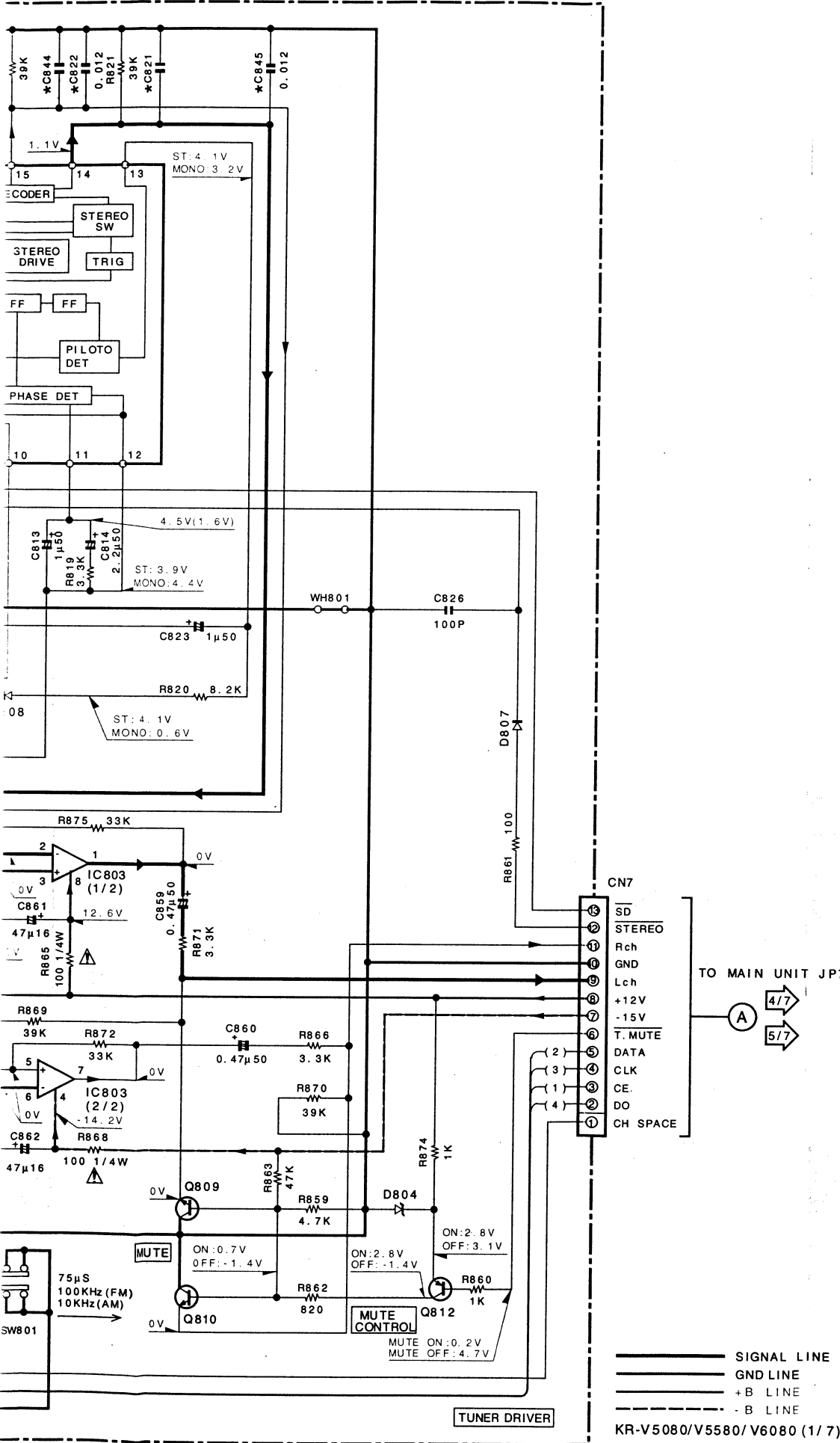
## VT VOLTAGE

BAND	FREQ	VT(V)
FM	87.5MHz	1.6V
	108MHz	8.1V
AM	530KHz	1.2V
	1700KHz	7.6V

IC801	: LA1831
IC802	: LC7218
IC803	: NJU4565DD
Q801	: 2SC31940
Q802	: 2SC1845F
Q803, 805, 807-810	: 2SC1740S-R
Q811	: 2SC3205Y
Q804, 806, 812	: 2SA933S
D802	: MTZJ8.2B
D803	: RD5.1ES(B2)
D804	: MTZJ3.3B
D807, 808, 811, 812	: 1SS133

MODEL NAME	DESTINATION		UNIT NO.	C821, C844	C822 C845	C854, C855, R854-R857 Q805, Q808, SW801
	COUNTRY	ABB.				
KR-V6080	U. S. A CANADA	K P	WP4187K0	0.012	YES	NO
	GENERAL MARKET PX	M Y	WP4187K1	0.015	NO	YES
	AUSTRALIA	X	WP4187K2			NO
KR-V5080	AUSTRALIA	X				
KR-V5580	U. S. A PX	K P	WP4187K0	0.012	YES	NO
	GENERAL MARKET	M	WP4187K1	0.015	NO	YES
	AUSTRALIA	X	WP4187K2			NO

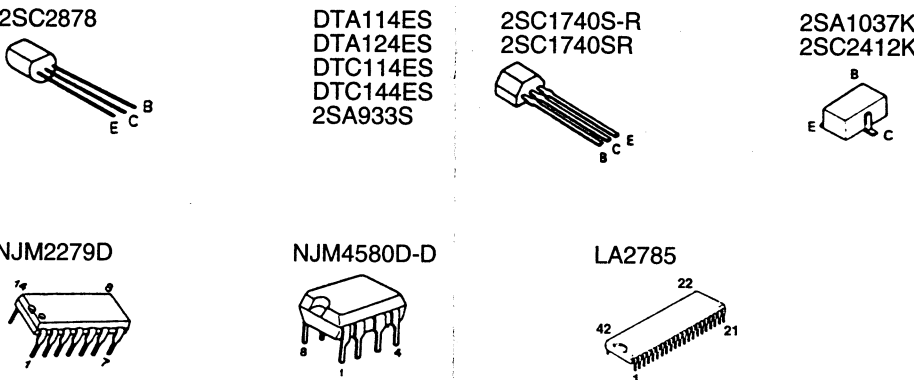




**CAUTION:** For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).  $\Delta$  indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter as the AM/FM signal generator is specified to the conditions as shown in the list below. The measurement value may vary depending on the measuring instruments used or on the product. The value shown in ( ) is actual reading measured in the AM mode.

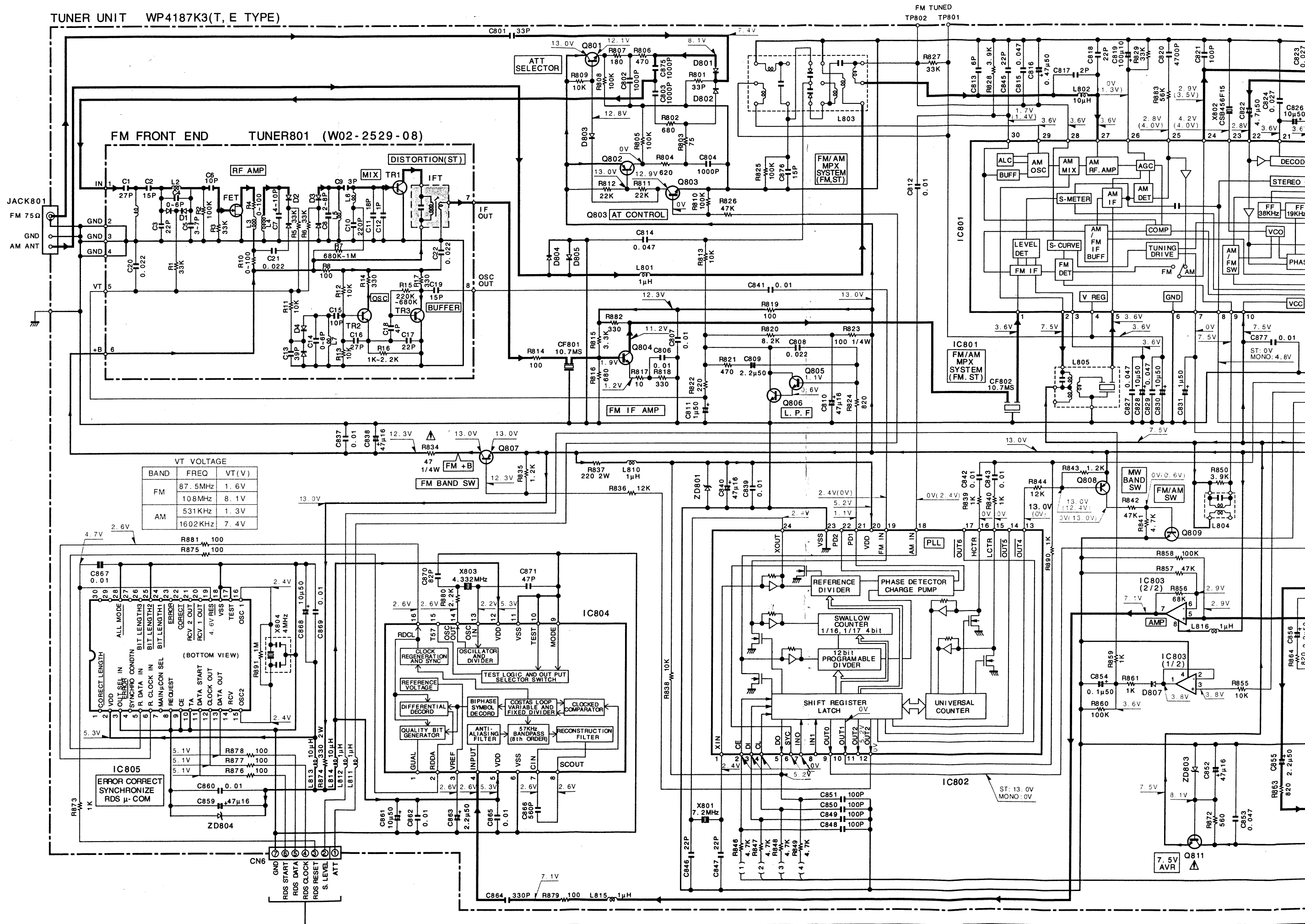
MODE	CARRIER	MODULATION		ANT INPUT
		FREQUENCY	DEVIATION	
FM	98MHz	1kHz	STEREO 67.5kHz 7.5kHz(Pilot)	60dB
AM	1000(999)kHz	400Hz	MONO 30% MOD	60dB

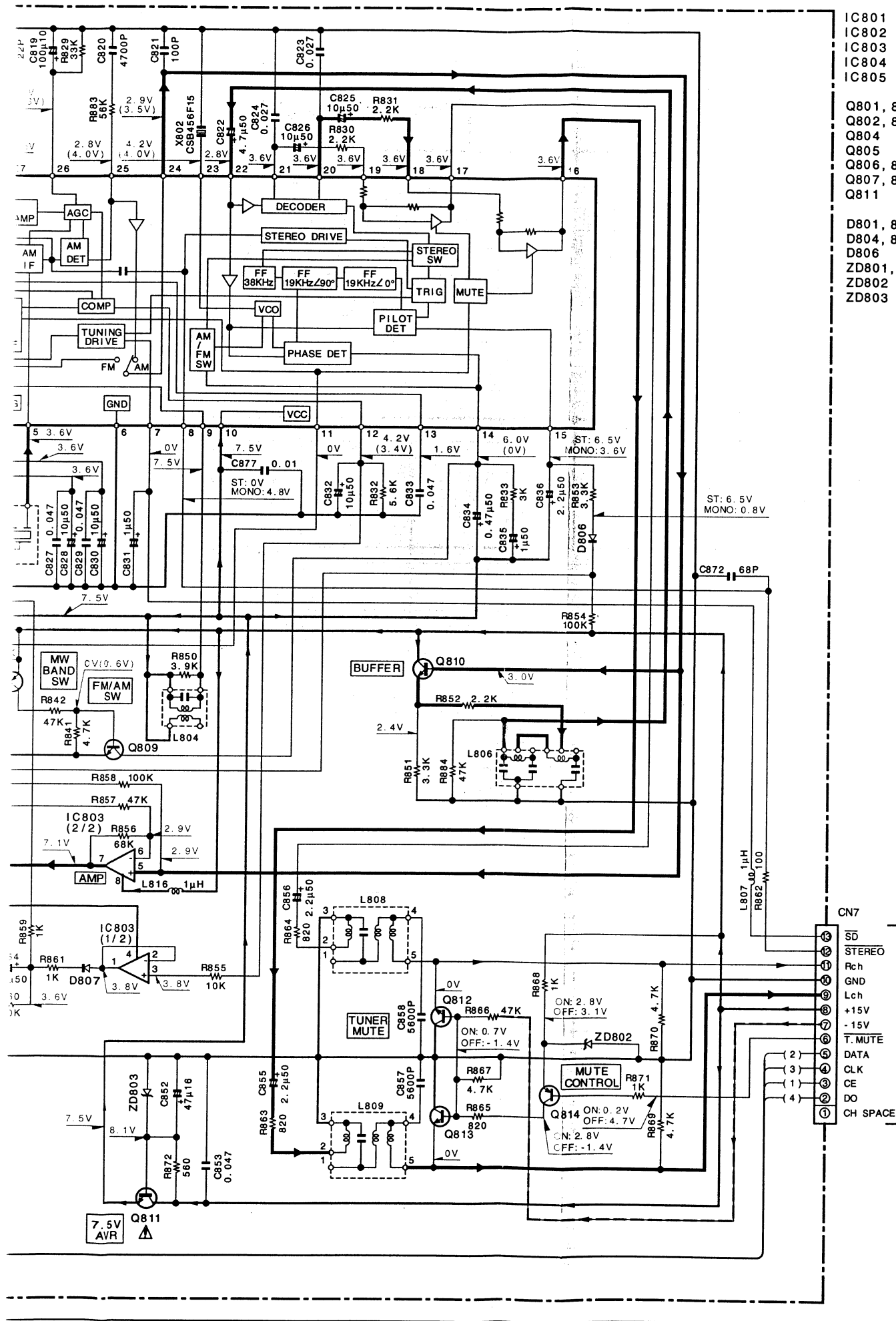


KR-V5080/V5580/V6080  
KENWOOD

Y05-3192-70

# TUNER UNIT WP4187K3(T, E TYPE)





IC801 : LA1836  
 IC802 : LC7218  
 IC803 : LM258N  
 IC804 : SAA6579T  
 IC805 : LC6543H-4600

Q801, 803, 810, 812, 813 : 2SC2412K  
 Q802, 814 : 2SA1037K  
 Q804 : KTC3880(O)  
 Q805 : 2SC1845F  
 Q806, 809 : 2SC1740S-R  
 Q807, 808 : 2SA933S  
 Q811 : 2SC3205Y

D801, 802, 803, 807 : 1SS355  
 D804, 805 : 1SS133  
 D806 : 1SS133T  
 ZD801, 804 : 5.1V  
 ZD802 : 3.3V  
 ZD803 : 8.2V

TO FRONT UNIT JP06

(B) 6/7

TO MAIN UNIT JP07

(A) 4/7  
 5/7

— SIGNAL LINE  
 — GND LINE  
 — +B LINE

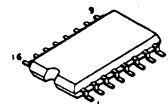
KR-V5080/V5580/V6080 (2/7)

**CAUTION:** For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).  $\Delta$  indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

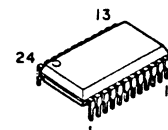
The DC voltage is an actual reading measured with a high impedance type voltmeter as the AM/FM signal generator is specified to the conditions as shown in the list below. The measurement value may vary depending on the measuring instruments used or on the product. The value shown in ( ) is actual reading measured in the AM mode.

MODE	CARRIER	MODULATION		ANT INPUT
		FREQUENCY	DEVIATION	
FM	98MHz	1kHz	STEREO 67.5kHz 7.5kHz(Pilot)	60dB
AM	1000(999)kHz	400Hz	MONO 30% MOD	60dB

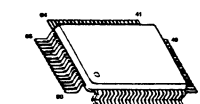
SAA6579T



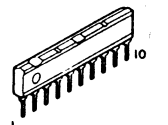
LA1831



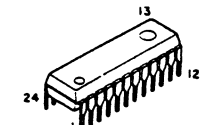
UPD78044AGF051



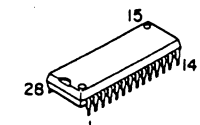
BA6209N



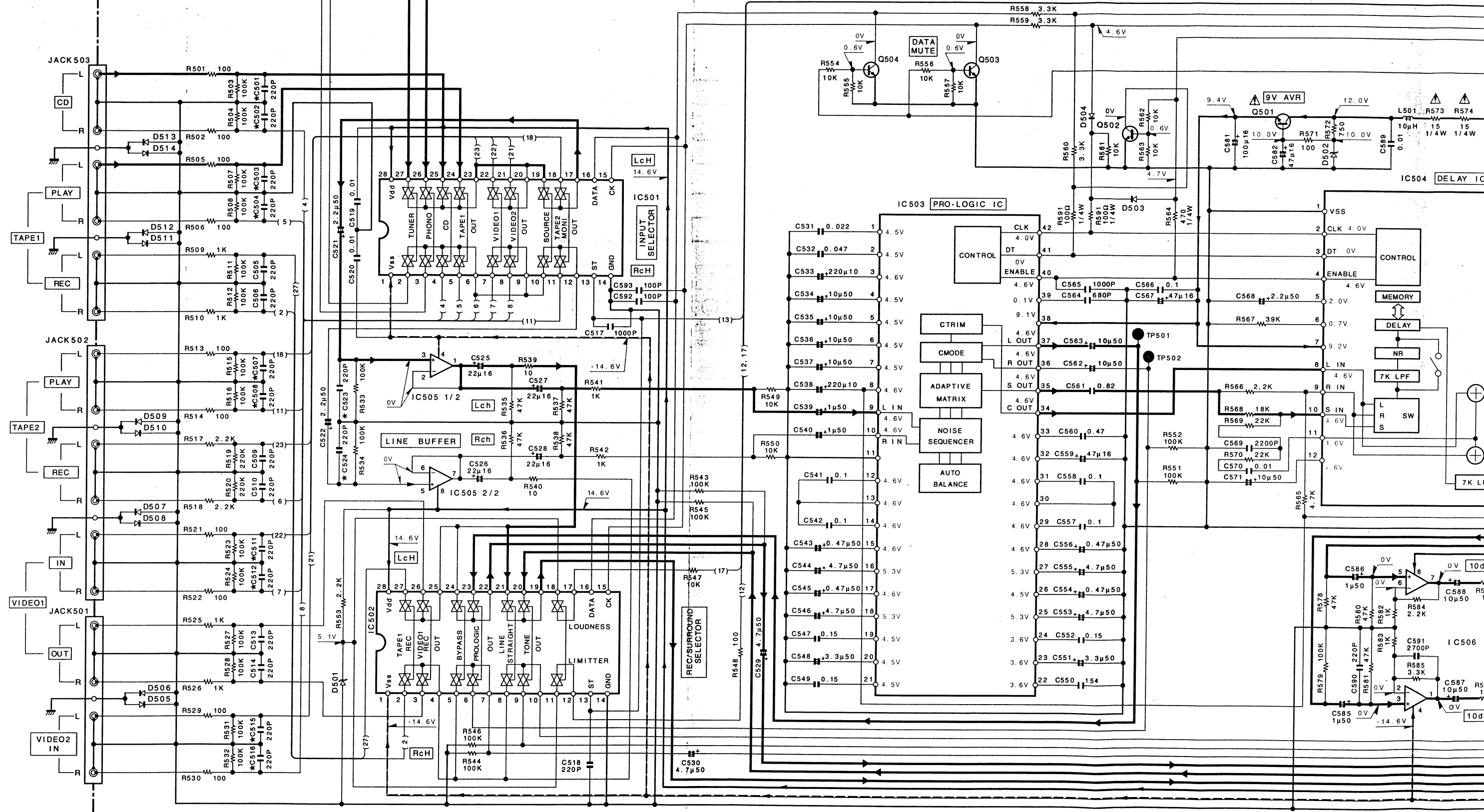
LC7218  
LV1011



NJU7311AL  
NJU7313AL

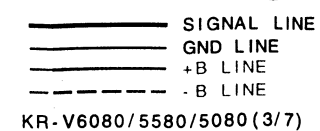
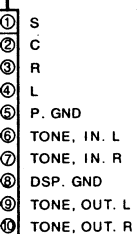


## AUDIO UNIT



**CAUTION:** For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).  $\Delta$  indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.



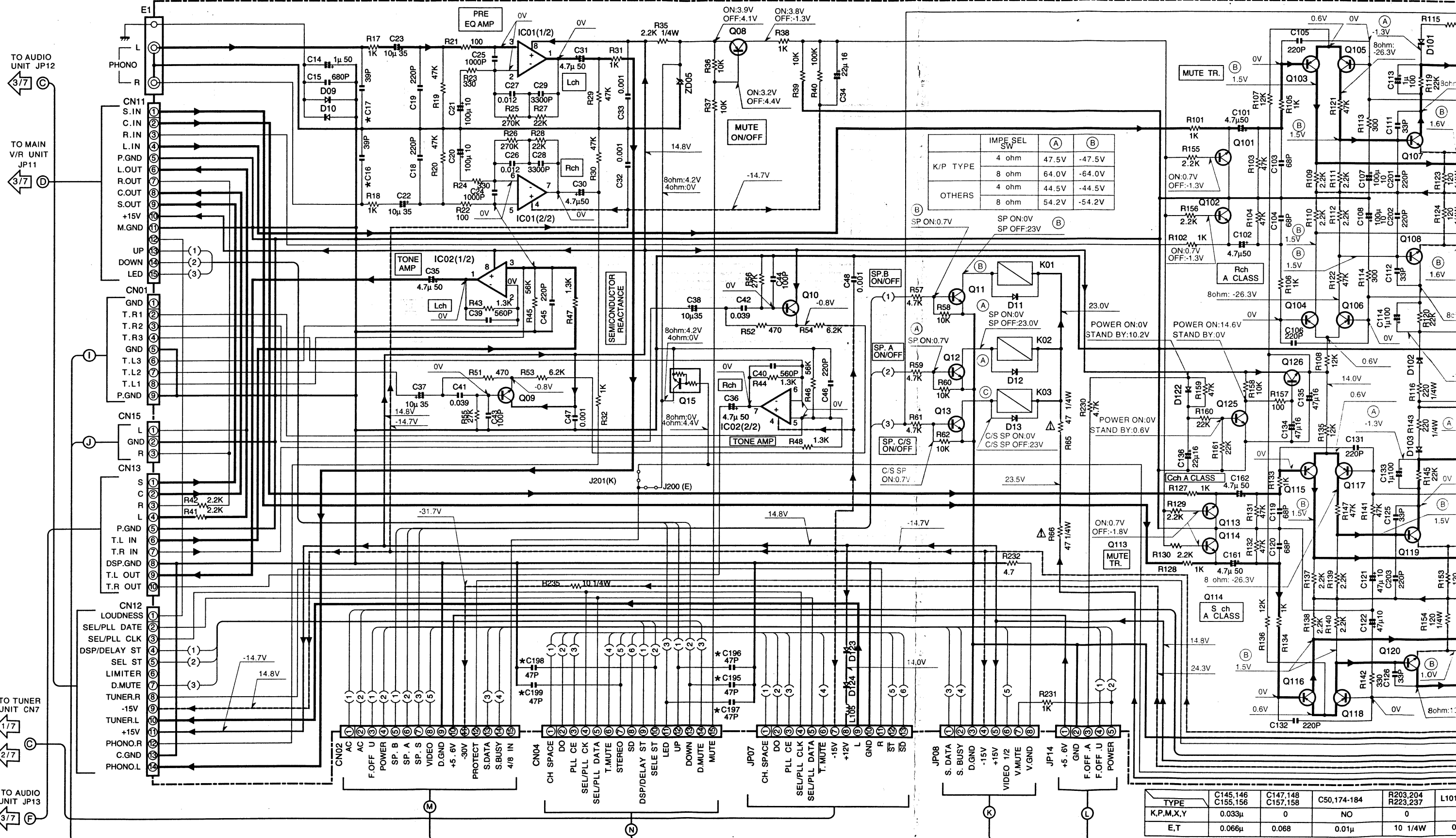


Y05-3192-70

KE

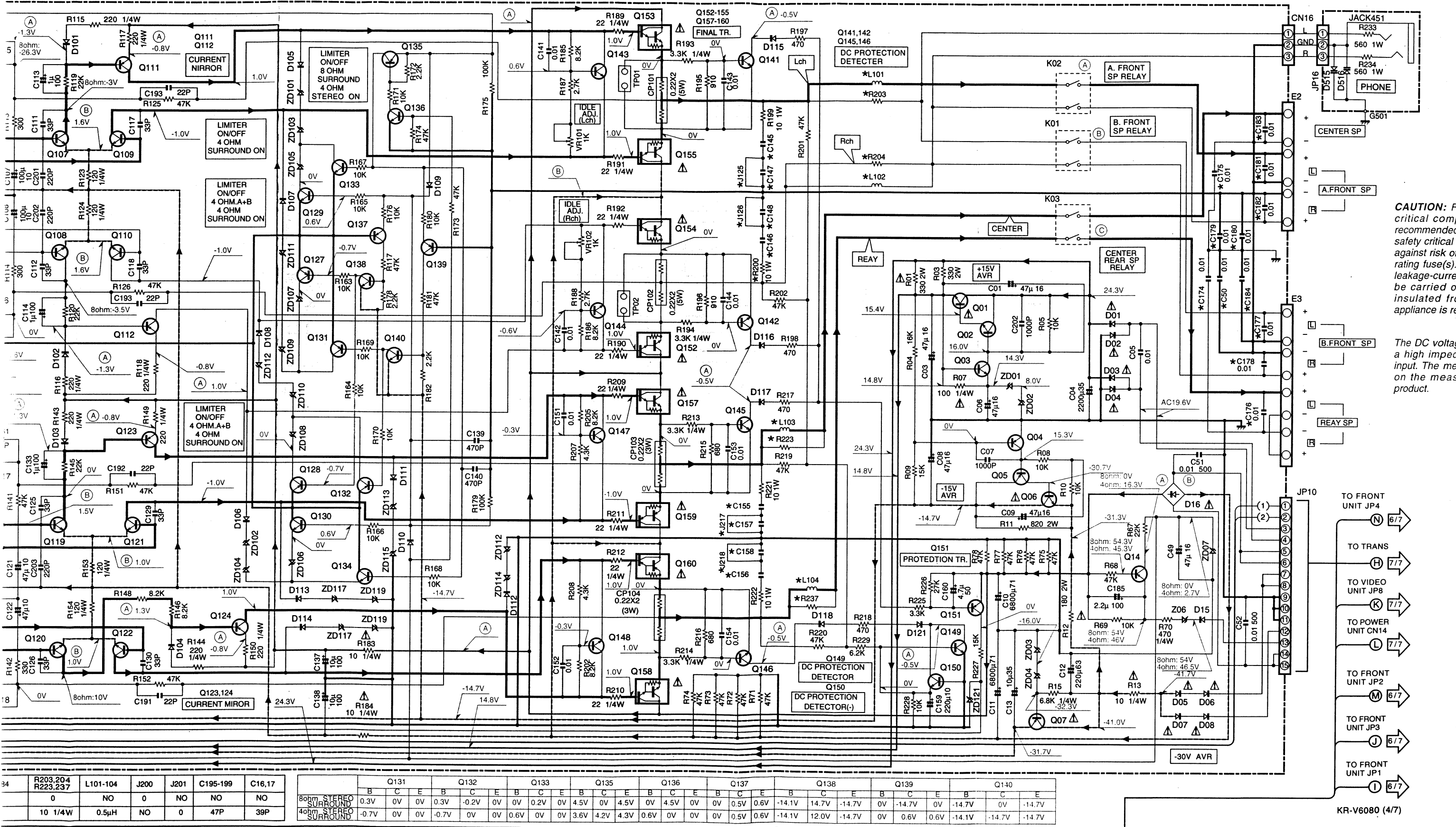
# MAIN UNIT KR-V6080

IC01,02 :4580D-D Q2,3,9-13,125, :2SC1740S Q7,14 :A916 Q103-106,111,112,115-118 :A992 Q107-110,119-122,129,130, :C1845 Q147,144,143,148 :D8  
 Q01,06 :D2061 126,136,138,140 :2SA933S Q15 :C144ES 123,124,127,128, :Q101,102,113,114 :C144ES 133,134,141,142,145 :Q152,153 :D22  
 :C144ES 131,132,151 :Q101,102,113,114 :C144ES 146,149,150 :Q154,155 :B14



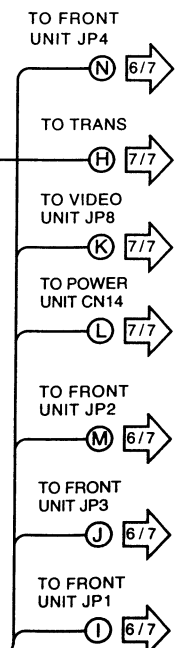


14,143,148	:D882	Q157	:D2390	Q160	:B1559	D01-08,123,124	:IN4002	D15	:IN4004	ZD03,04	:16V(B)	ZD101,102,111,112,		ZD105,106,107,108	:10V
53	:D2222	Q158	:D2389			D09-13,101-118,122,515,516	:1SS131T	ZD01	:6.2V(B)	ZD05	:4.7V(B)	116,122	:20V	ZD114,118,113,117,	115,119 :18V
55	:B1470	Q159	:B1560			D16	:D5SBA20F03	ZD02	:8.2V(B)	ZD07,121	:5.1V(B)	ZD103,104,109,110	:6.8V	ZD06	:3.9V



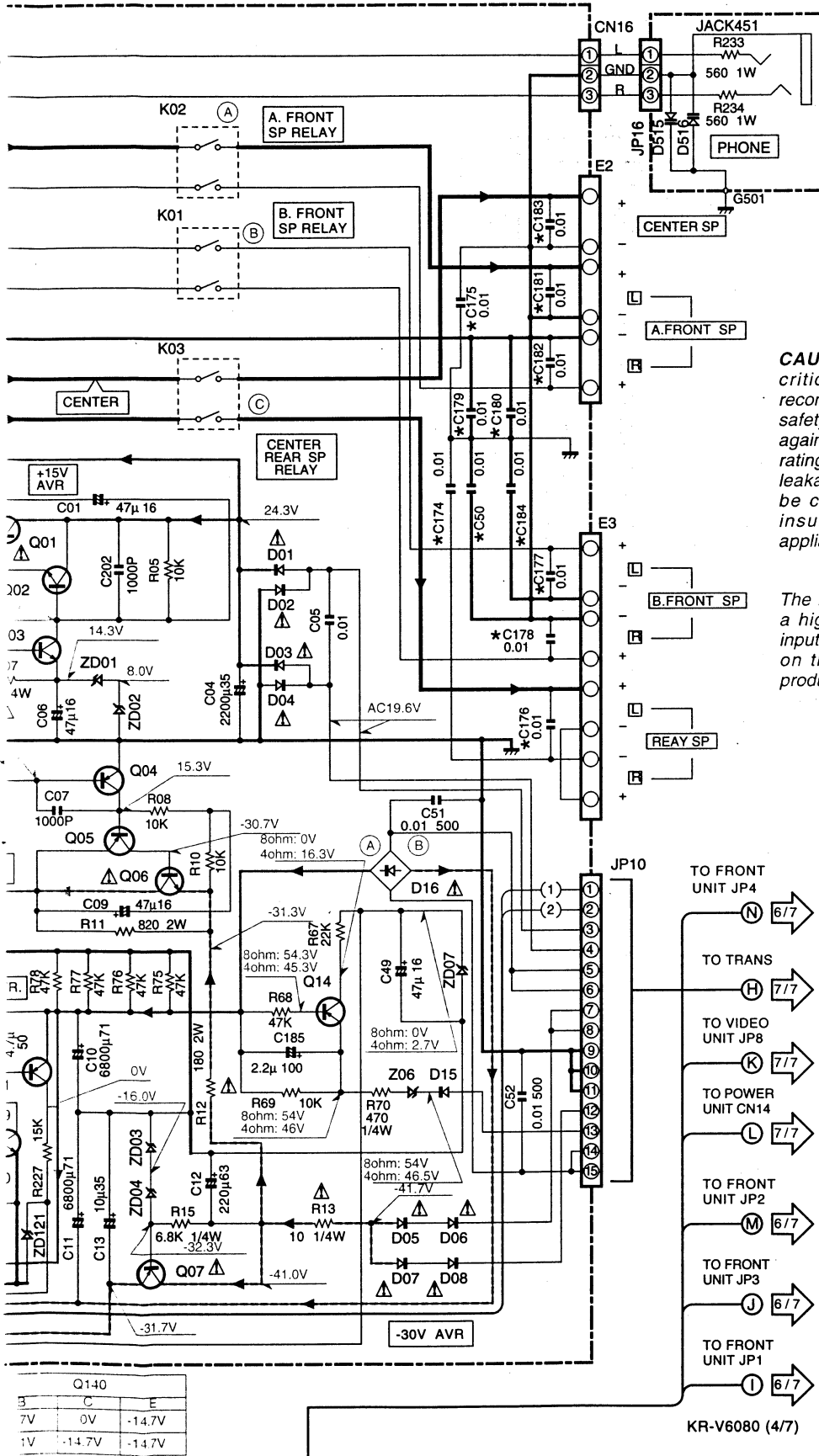
**CAUTION:** For critical components, recommended power safety critical components against risk of fire, use a rating fuse(s). To leakage-current of insulated from appliance is return.

The DC voltage is a high impedance input. The measurement on the measuring product.



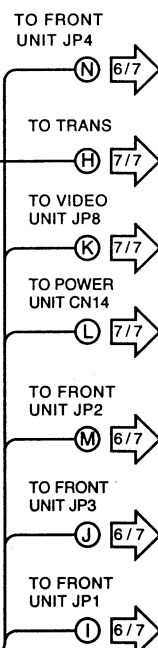
KR-V6080 (4/7)

ZD101,102,111,112, :10V  
 116,122 :20V  
 ZD105,106,107,108 :10V  
 ZD114,118,113,117, 115,119 :18V  
 ZD103,104,109,110 :6.8V  
 ZD06 :3.9V



**CAUTION:** For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).  $\Delta$  indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

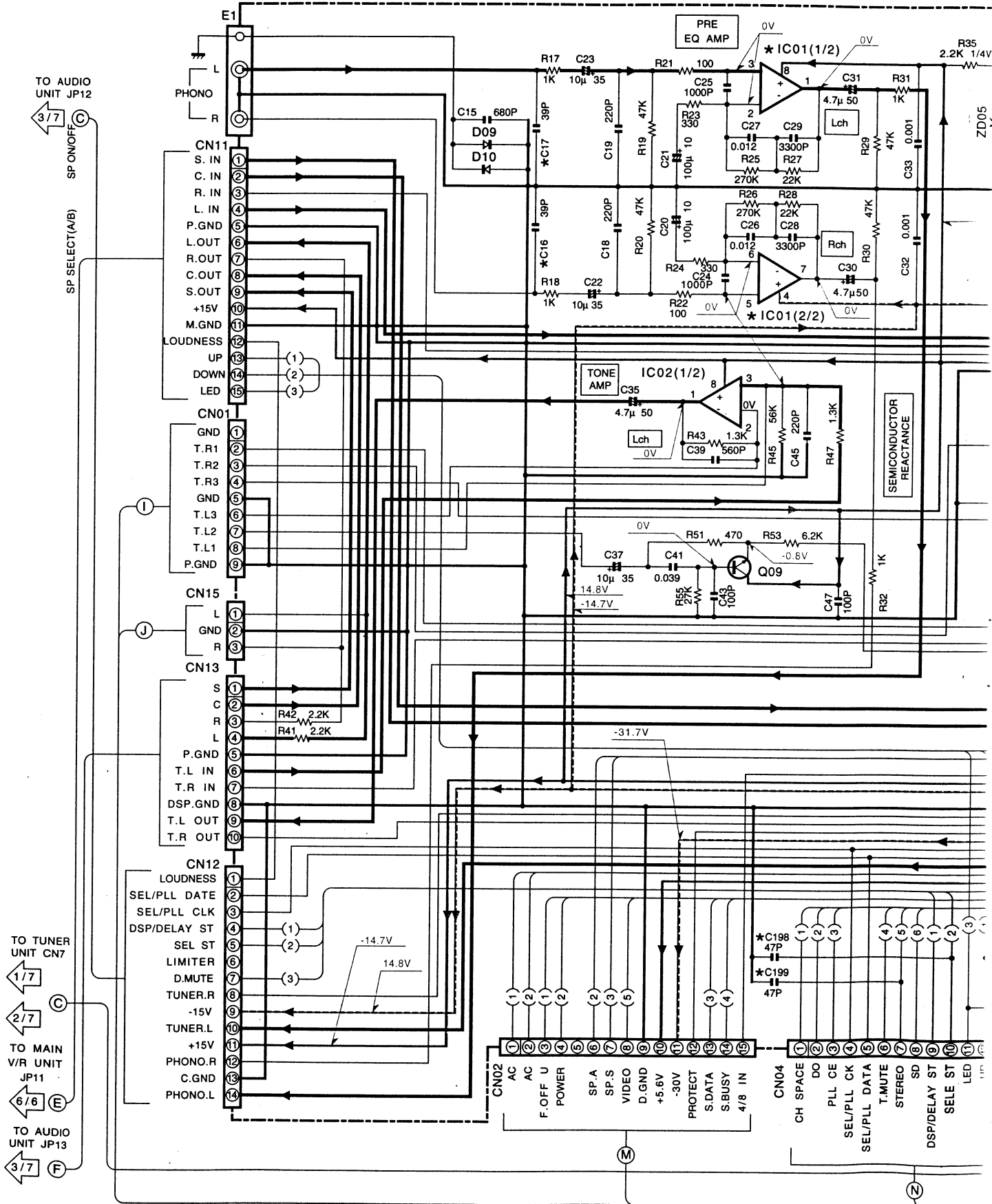
The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.

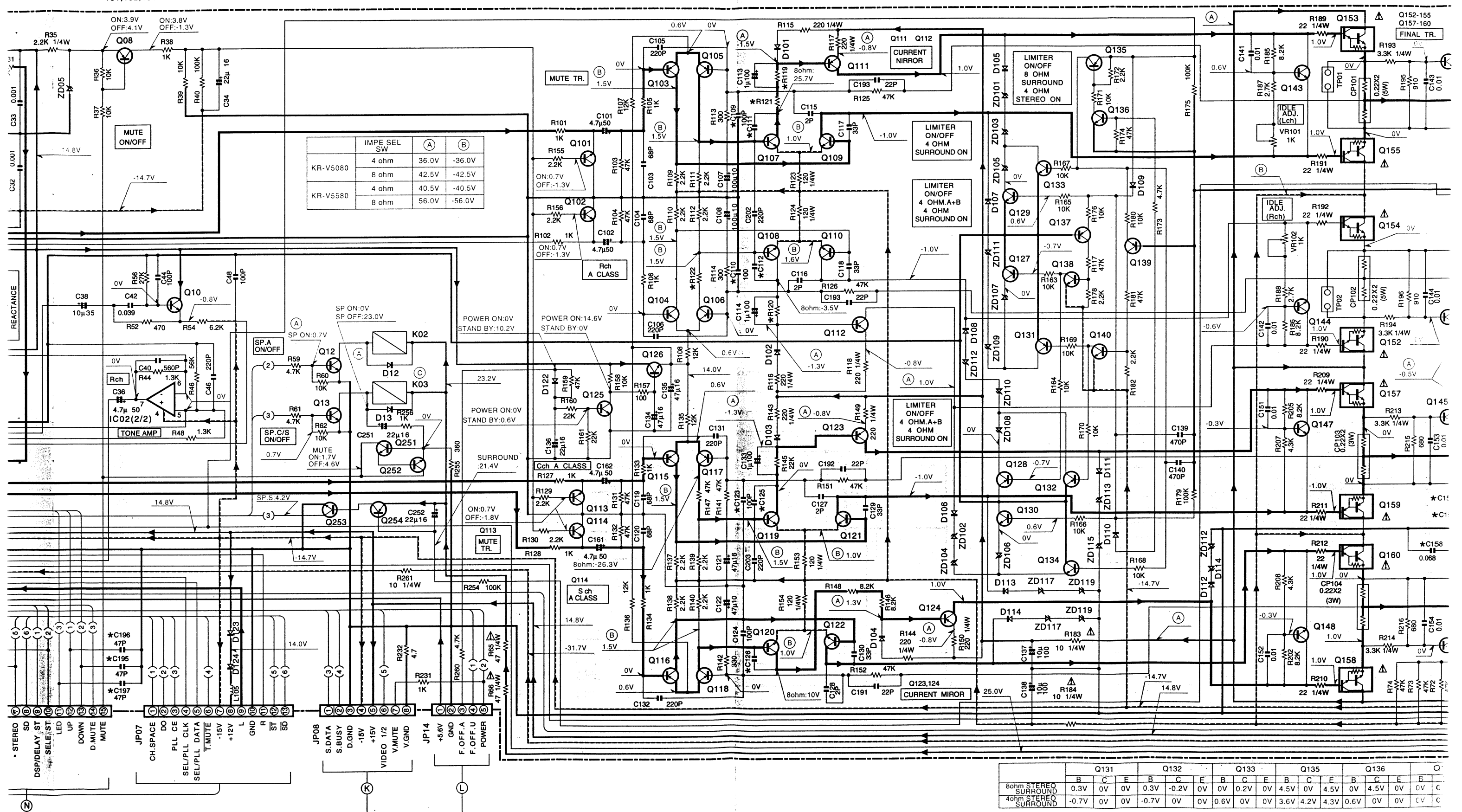


KR-V6080 (4/7)

**KR-V5080/V5580/V6080**

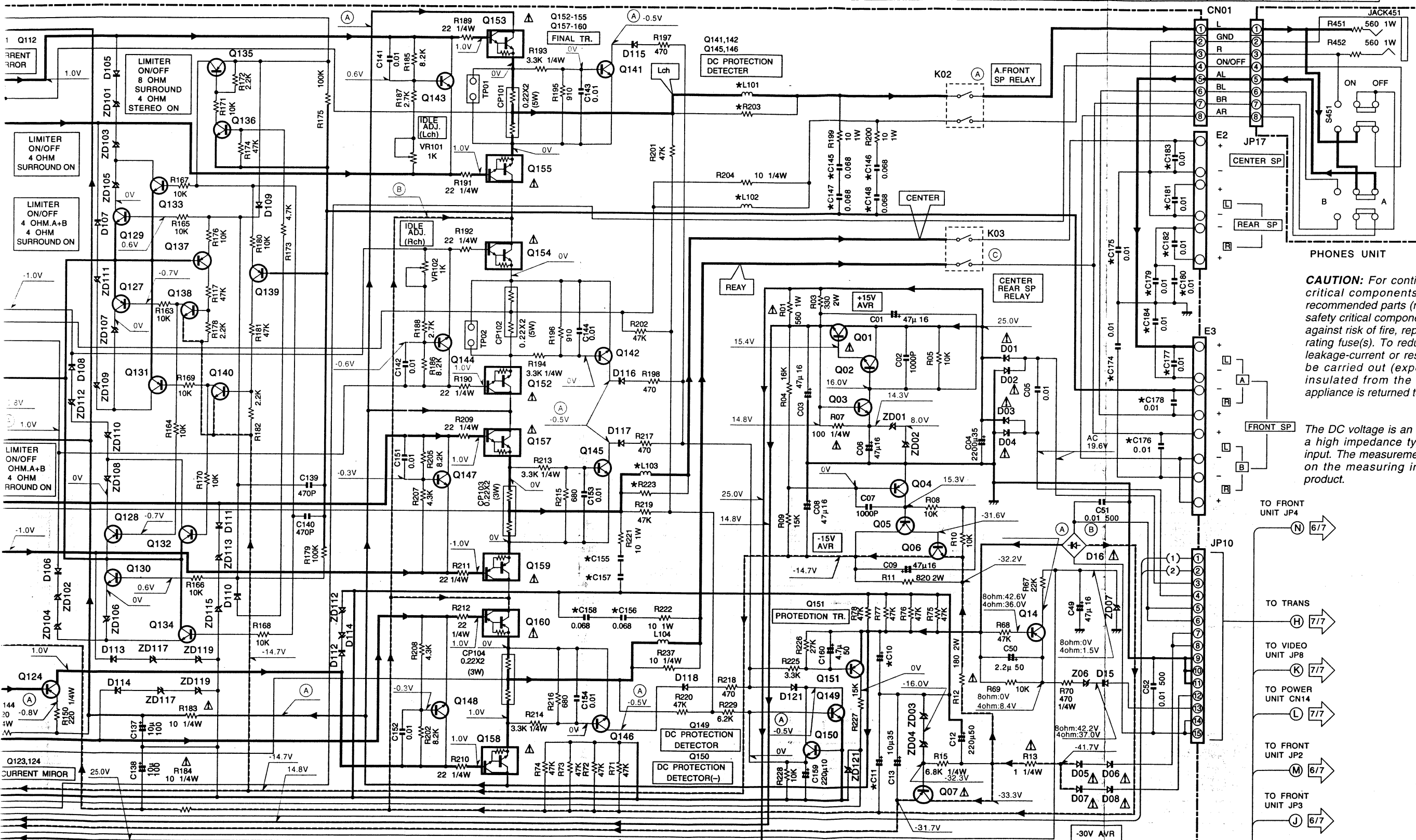
**KENWOOD**

MAIN UNIT  
KR-V5580/V5080IC1 : ★  
IC2 : 4565D-D  
Q1,6 : 2SD2601Q2,3,9,10,12,13,125,  
126,136,138,140,251,252 : 2SC1740S(G,R)  
Q4,5,8,135,137,139 : 2SA933S(G,R)Q7,14 : A916Y  
Q101,102,113,114 : 2SC287

[illegible]

	Q131			Q132			Q133			Q135			Q136			Q137	
	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E		
8ohm STEREO SURROUND	0.3V	0V	0V	0.3V	-0.2V	0V	0V	0.2V	0V	4.5V	0V	4.5V	0V	4.5V	0V	0V	0V
4ohm STEREO SURROUND	-0.7V	0V	0V	-0.7V	0V	0V	0.6V	0V	0V	3.6V	4.2V	4.3V	0.6V	0V	0V	0V	0V

C01	Q152,153	Q154,155	Q157	Q158	Q159	Q160	D16	C10,11	C111,112 C125,126	C113,114 C133	C137,138	C145,146 C155,156	C147,148 C157,158	C174-180 C182-184	C195_199	L101-104	R203,204 R223,237	R113,114	R119,120	R121,122	R141,142	R146-148	R145	R147	ZD103,104 ZD109,110	ZD105,106 ZD107,108	ZD115,116 ZD119,120	ZD113,117
14558DD	D2389	B1559	D2389	D2493	B1559	D1624	DBF40C	4700μ50	82P	1μ50	100μ50	0.068	0.068	0.01	YES	0.015mH	10 1/4W	390	3.9K	3.9K	430	3.9K	3.9K	3.9K	12V	8.2V	10V	18V
580DD	D2390	B1560	D2390	D2389	B1560	D1559	DBF60C	4700μ63	33P	1μ100	100μ63	0.033	JUMPER	NO	NO	NO	JUMPER	330	1K	10K	360	6.8K	2.7K	10K	13V	9.1V	18V	16V



**CAUTION:** For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.

	Q131	Q132	Q133	Q135	Q136	Q137	Q138	Q139	Q140
8ohm STEREO SURROUND	0.3V	0V	0.3V	0.2V	0V	0.2V	0V	4.5V	0V
4ohm STEREO SURROUND	-0.7V	0V	0V	-0.7V	0V	0.6V	0V	3.6V	4.2V

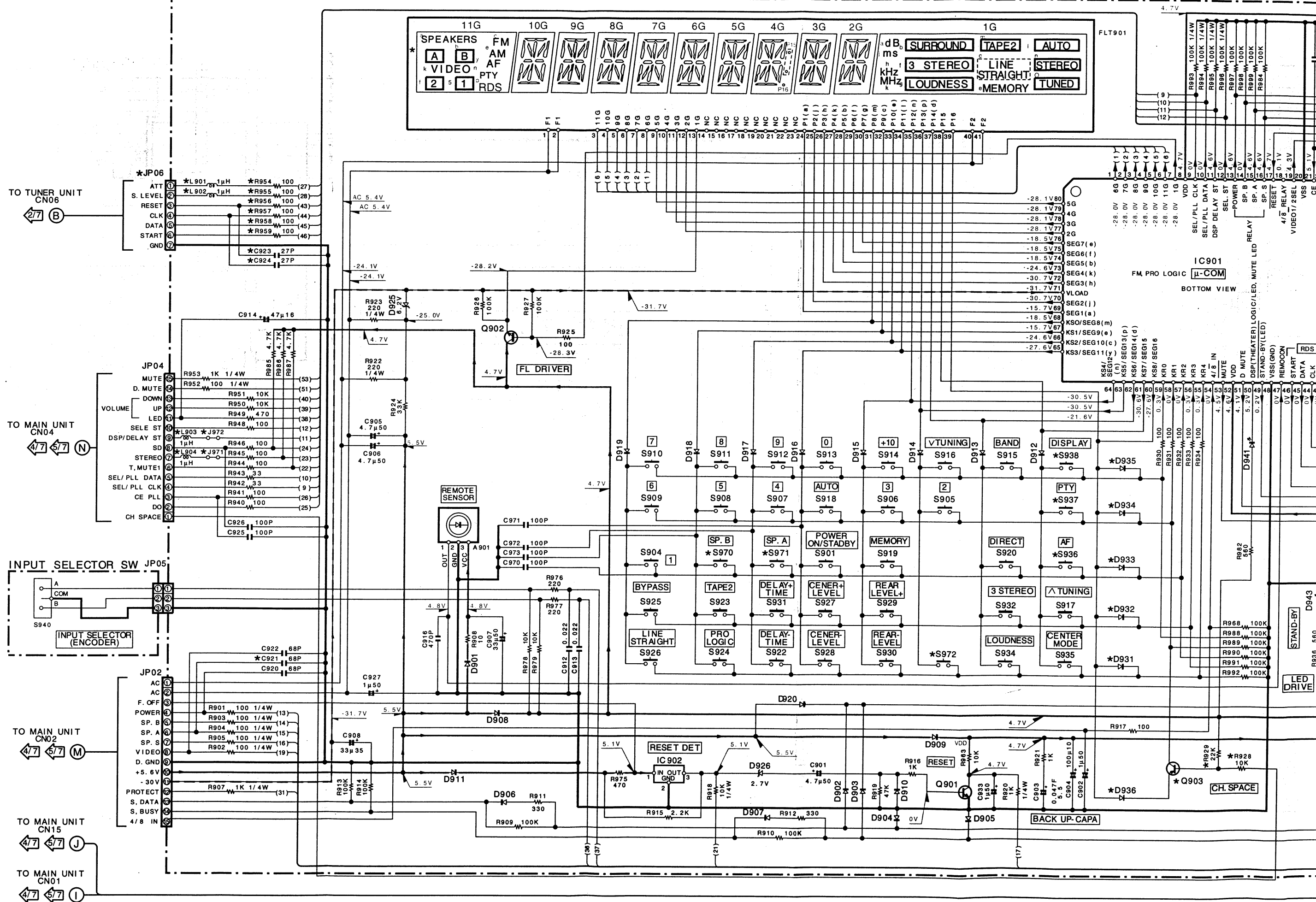
KR-V5580/V5080 (5/7)

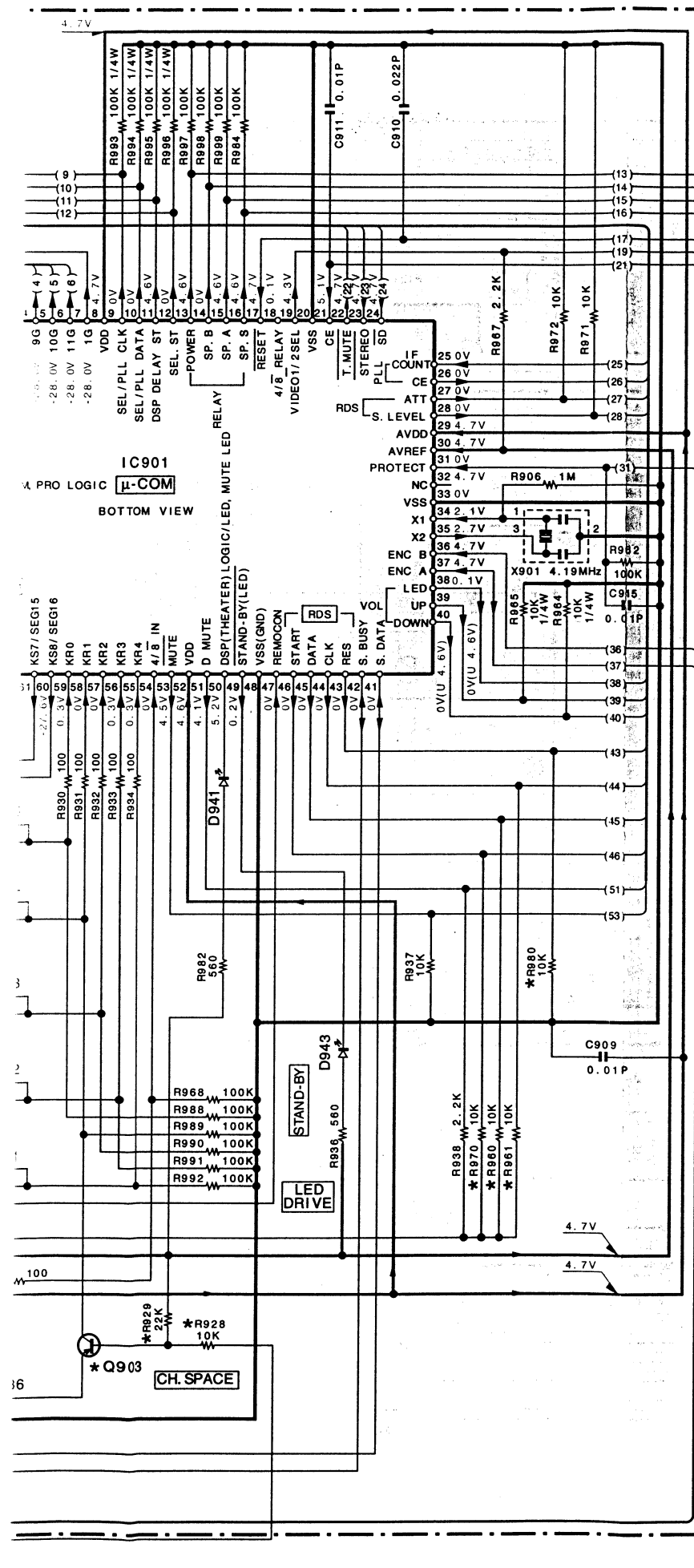
Y05-3192-70

KR-V5080/V5580/V6080

KENWOOD







MODEL NAME	DESTINATION		R928, 929, D935, 936, Q903	R954-961, 970, 980, C923, 924, D933-935, L901-904, S936-938, JP06, C921	D934, 935	D931	D932	SPEAKERS A B S970, 971	IC901	S972	FLT901
	COUNTRY	ABB.									
KR-V6080	U. S. A.	K	NO	NO	NO	YES	NO	YES	UPD78044 AGF051	THEATER LOGIC	11MT92GK
	CANADA	P	YES								
	GENERAL MARKET	M	YES								
	PX	Y	YES								
KR-V5580	AUSTRALIA	X	NO	NO	NO	NO	NO	NO	UPD78044 AGF051	TEST TONE	11MT101GK
	ENGLAND	T	NO								
	EUROPE	E	NO								
	U. S. A.	K	NO								
KR-V5080	CANADA	P	YES	NO	NO	NO	NO	NO	UPD78044 AGF051	TEST TONE	11MT101GK
	GENERAL MARKET	M	YES								
	AUSTRALIA	X	NO								
	ENGLAND	T	YES								
KR-V5080	EUROPE	E	NO	YES	NO	NO	NO	NO	UPD78044 AGF075	TEST TONE	11MT101GK
	AUSTRALIA	X	NO								

IC901 : \*

IC902 : KIA7039

Q901, 902 : 1740

Q903 : A933

D901-920, : 1SS133

931-936

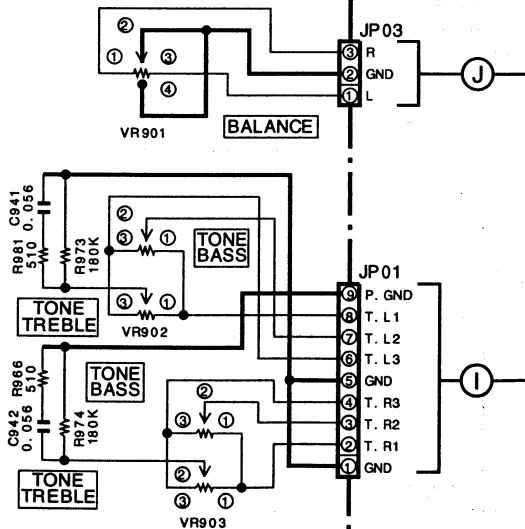
D925 : 6.2V

D926 : 2.7V

D941

D943

FLT901 : \*



— SIGNAL LINE  
— GND LINE  
— +B LINE  
— -B LINE

KR-V6080/5580/5080 (6/7)

**CAUTION:** For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).  $\Delta$  indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.

DW

DX

DY

DZ

EA

EB

EC

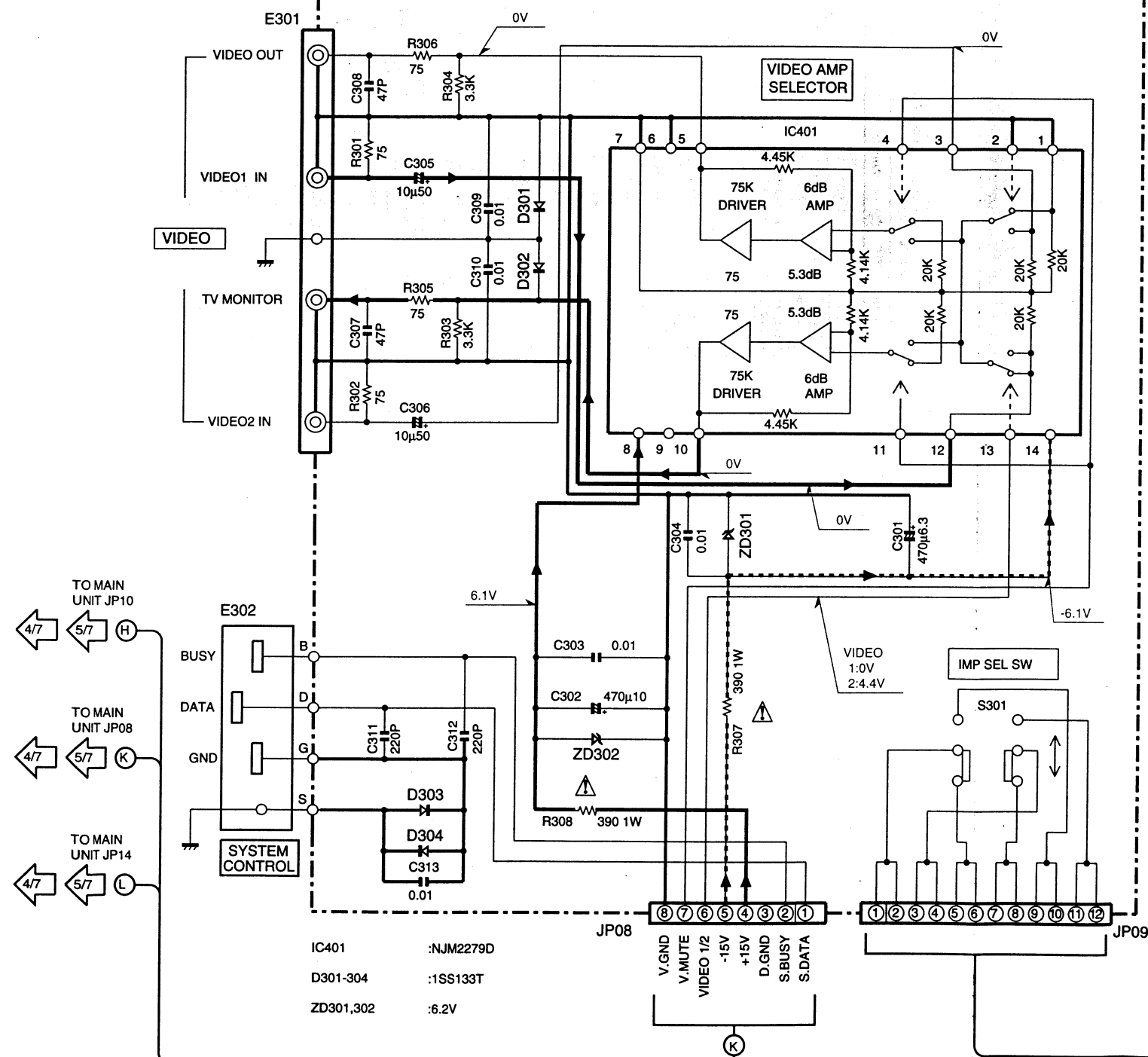
ED

EE

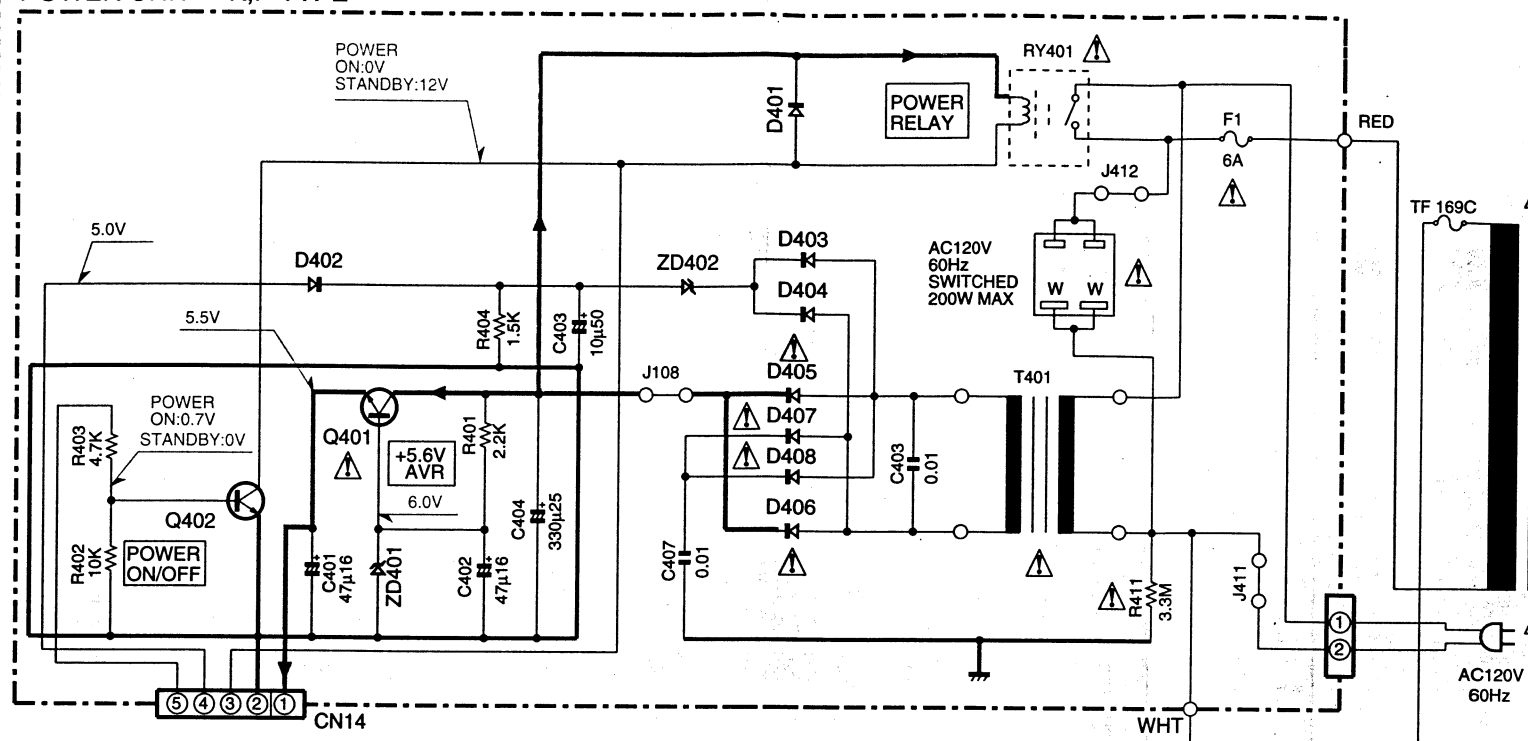
EF

EG

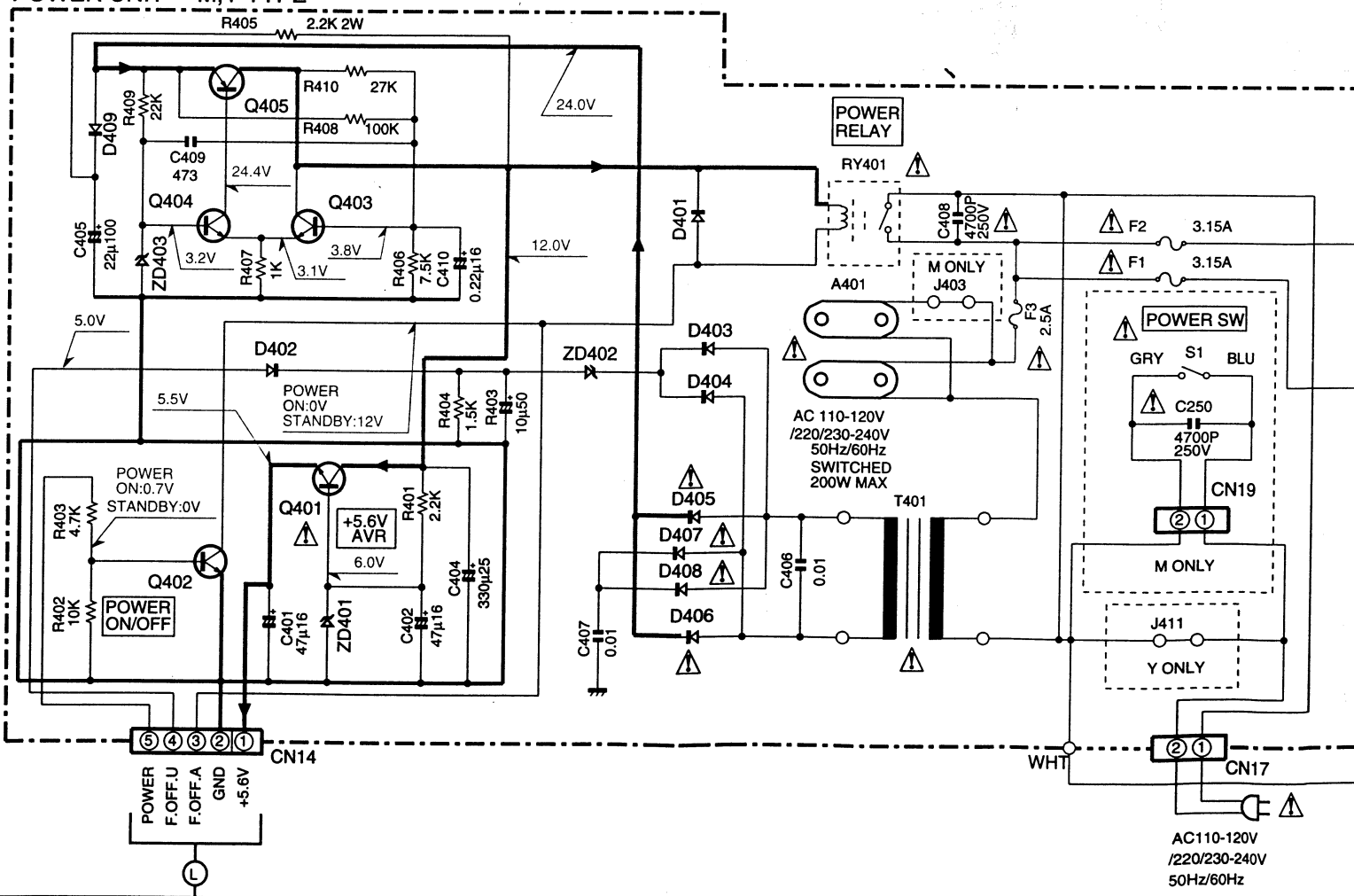
## VIDEO UNIT



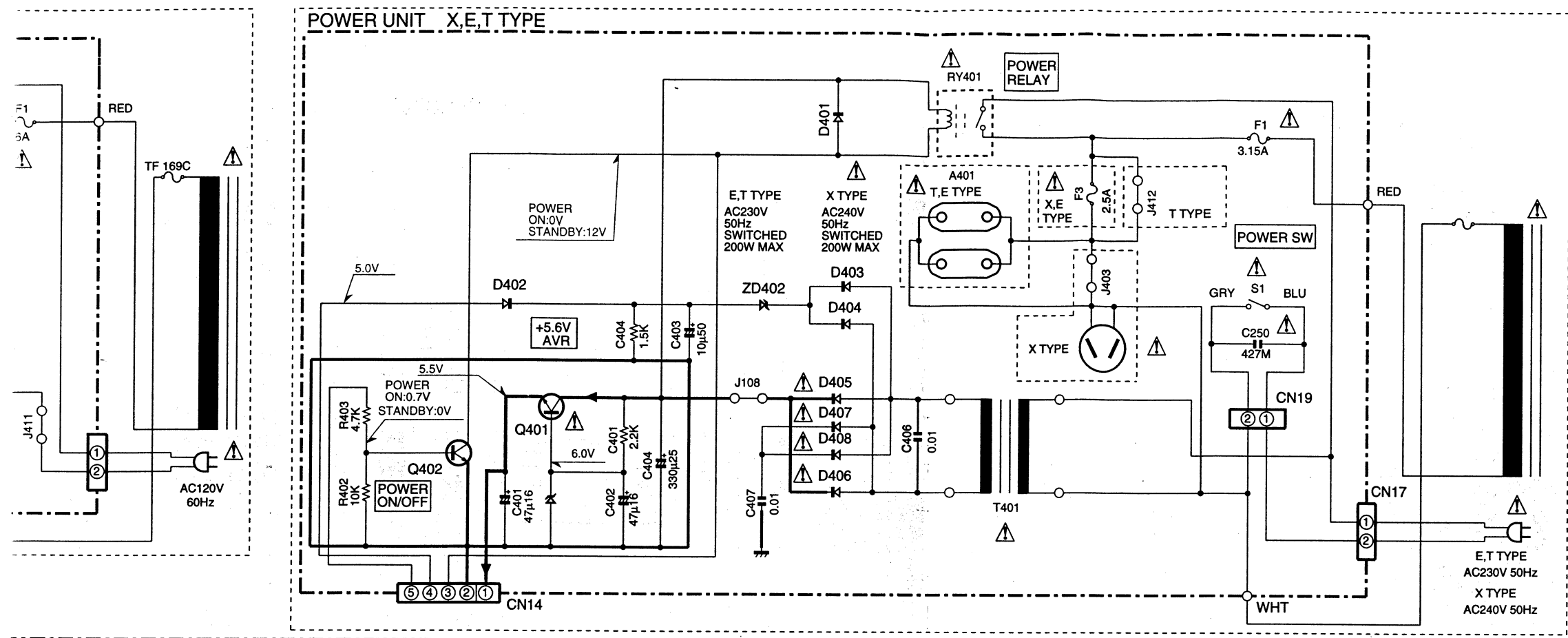
## POWER UNIT K,P TYPE



## POWER UNIT M,Y TYPE

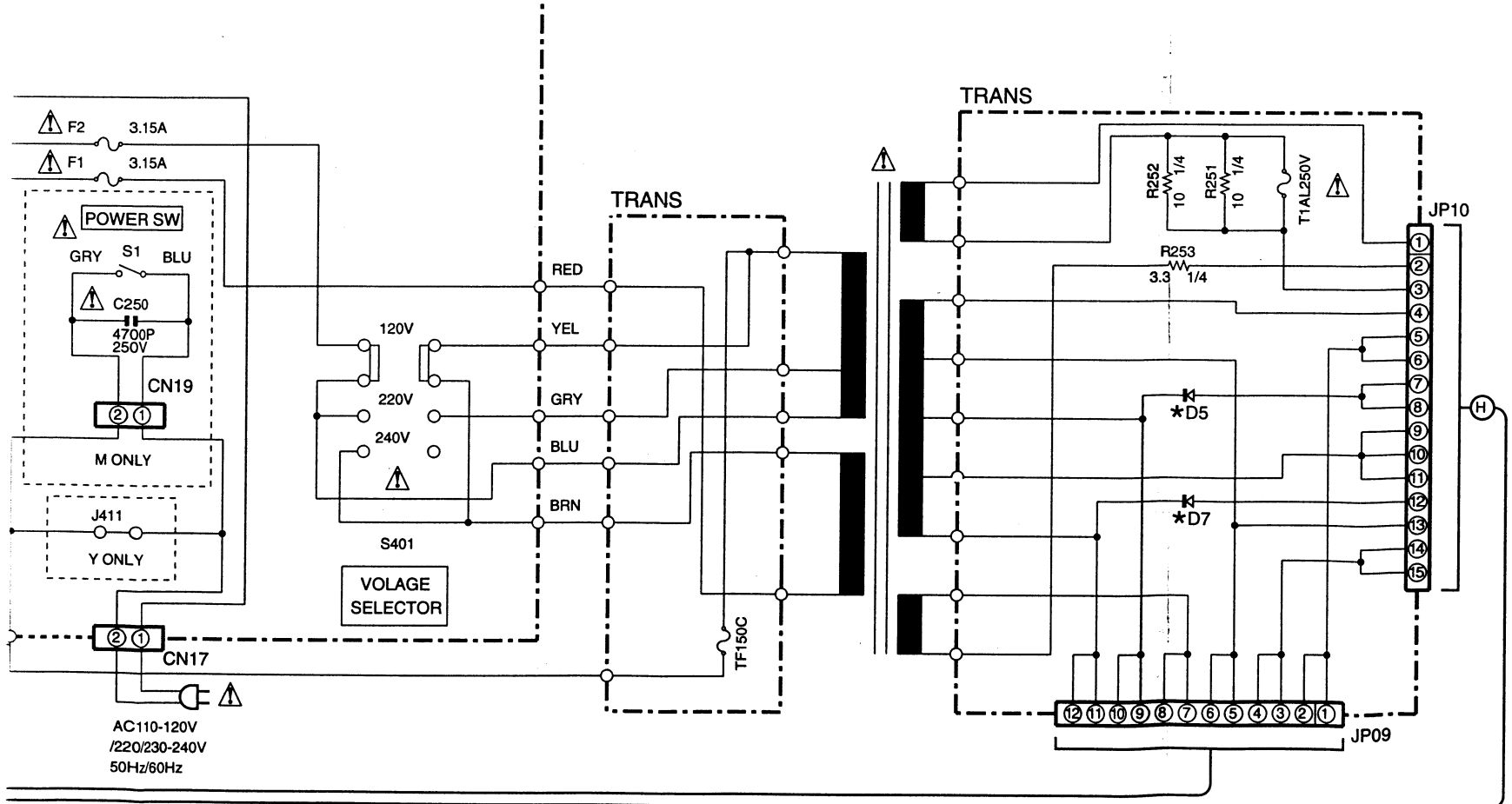






**CAUTION:** For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.



Q401	:C2316
Q402-404	:C1740
Q405	:A916
D402-404,409	:1SS131
D405-408	:1N4002
ZD401	:.6.2V
ZD402	:.2.7V
ZD403	:.3.9V
D5,7	:1N4002(KR-V6080ONLY)

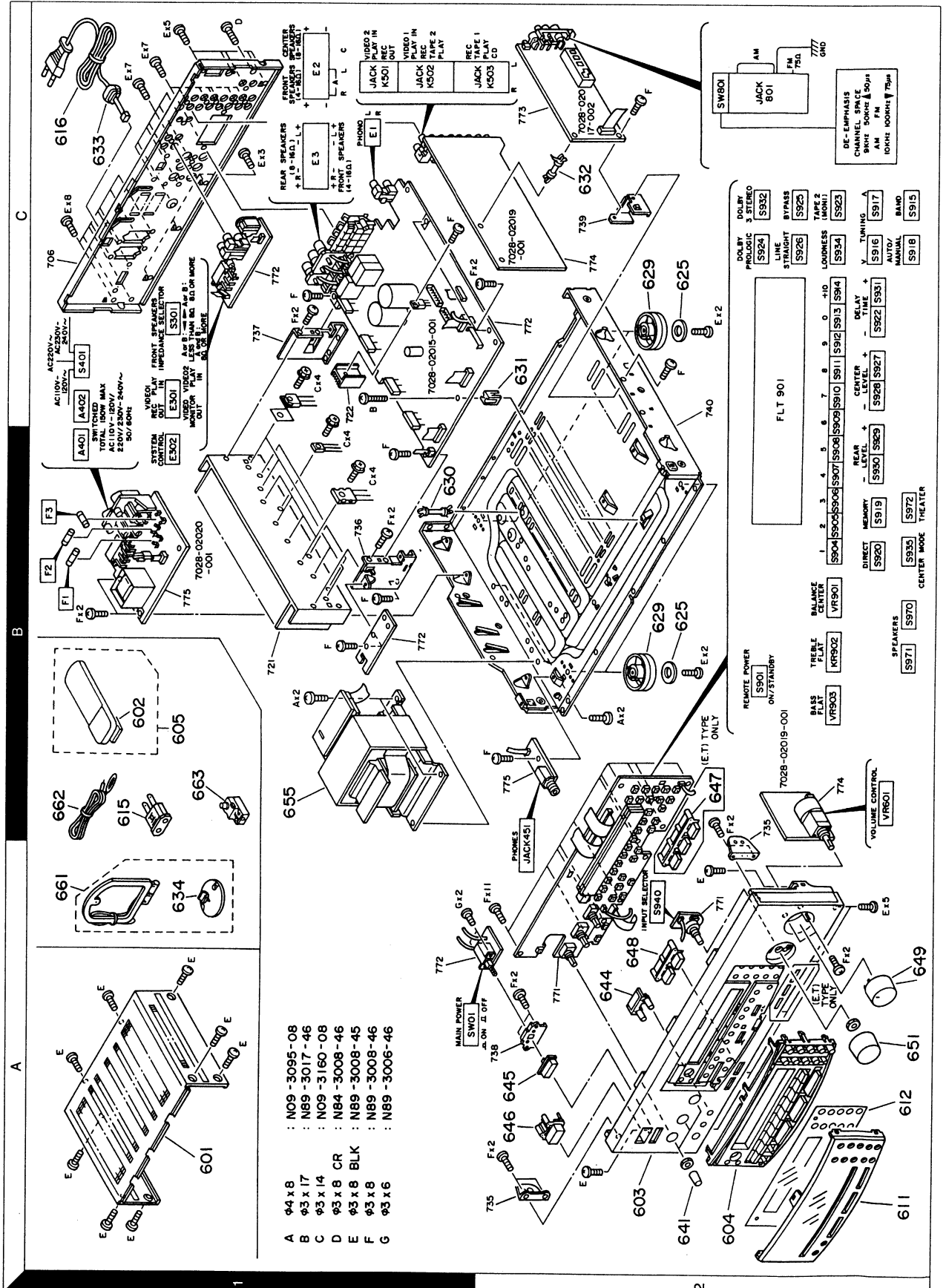
KR-V6080/V5580/V5080(7/7)

Y05-3192-70

**KR-V5080/V5580/V6080**  
**KENWOOD**

# KR-V5080/V5580/

## EXPLODED VIEW (UNIT)



# **KR-V5080/V5580/V6080** **PARTS LIST**

\* New Parts  
 Parts without **Parts No.** are not supplied.  
 Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.  
 Teile ohne **Parts No.** werden nicht geliefert.

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
<b>KR-V5080/V5580/V6080</b>						
601	1A	*	A01-3351-08	CABINET	KPMXY	
602	1B	*	A09-0170-08	BATTERY COVER(REMOTE)	ET	
603	2A	*	A60-0961-08	BATTERY COVER(REMOTE)	ET	
603	2A	*	A60-0963-08	PANEL	X	50
603	2A	*	A60-0965-08	PANEL	KP	55
603	2A	*	A60-0967-08	PANEL	MXC	55
603	2A	*	A60-0971-08	PANEL	KP	60
603	2A	*	A60-0974-08	PANEL	MXCY	60
603	2A	*	A60-0975-08	PANEL	ET	60
604	2A	*	A60-0991-08	SUB(PANEL)		
605	1B	*	A70-0964-05	REMOTE CONTROL (RCR0702)	KPMX	
605	1B	*	A70-1006-05	REMOTE CONTROL (RCR0602)	ET	
611	2A	*	B10-2257-08	FRONT GLASS (50.55)	ET	50.55
611	2A	*	B10-2258-08	FRONT GLASS (50.55)	KPMXY	50.55
611	2A	*	B10-2259-08	FRONT GLASS (60)	KPMXY	60
611	2A	*	B10-226X-08	FRONT GLASS (60)	ET	60
612	2A	*	B11-0330-08	FILTER		
		*	B60-2629-08	INSTRUCTION MANUAL(ENGLISH)	KPYCAM	60
		*	B60-2630-08	INSTRUCTION MANUAL(ENGLISH)	T	60
		*	B60-2631-08	INSTRUCTION MANUAL(FRENCH)	P	60
		*	B60-2632-08	INSTRUCTION MANUAL(FR/GER/OUT)	E	60
		*	B60-2633-08	INSTRUCTION MANUAL(ITALI/SPAN)	E	60
		*	B60-2634-08	INSTRUCTION MANUAL(SPANISH)	M	60
		*	B60-2635-08	INSTRUCTION MANUAL(CHINESE)	C	60
		*	B60-2636-08	INSTRUCTION MANUAL(TAIWAN)	A	60
		*	B60-2637-08	INSTRUCTION MANUAL(ENGLISH)	KPCM	55
		*	B60-2638-08	INSTRUCTION MANUAL(FRENCH)	P	55
		*	B60-2639-08	INSTRUCTION MANUAL(SPANISH)	M	55
		*	B60-2640-08	INSTRUCTION MANUAL(CHINESE)	C	55
		*	B60-2641-08	INSTRUCTION MANUAL(TAIWAN)	A	55
		*	B60-2642-08	INSTRUCTION MANUAL(ENGLISH)	T	50
		*	B60-2643-08	INSTRUCTION MANUAL(FR/GER/OUT)	E	50
		*	B60-2644-08	INSTRUCTION MANUAL(ITALI/SPAN)	E	50
615	1B	*	E03-0115-05	AC PLUG ADAPTER	M	
615	1B	*	E04-9981-08	AC PLUG ADAPTER	X	
616	1C	*	E30-2718-05	POWER CORD	T	
616	1C	*	E30-2789-08	POWER CORD	MEC	
616	1C	*	E30-2800-08	POWER CORD	KPY	
616	1C	*	E30-2810-08	POWER CORD	X	
625	2B,2C	*	G13-0513-08	CUSHION		
		*	H10-7221-08	CUSHION, SNOW		
		*	H25-1572-08	POLY BAG, MANUAL(250X350)		
		*	H25-1573-08	POLY BAG, SET (650X700)		
		*	H25-1574-08	POLY BAG, ACCESSORY(200X300)		
		*	H50-1940-08	CARTON CASE	ETX	50
		*	H50-1941-08	CARTON CASE	KP	55
		*	H50-1942-08	CARTON CASE	M	55
		*	H50-1943-08	CARTON CASE	C	55
		*	H50-1944-08	CARTON CASE	KP	60
		*	H50-1945-08	CARTON CASE	ETX	60
		*	H50-1946-08	CARTON CASE	M	60
		*	H50-1947-08	CARTON CASE	C	60

L: Scandinavia K: USA P: Canada R: Mexico 50: KR-V5080  
 Y: PX(Far East, Hawaii) T: Europe 55: KR-V5580  
 Y: AAFES(Europe) X: Australia M: Other Areas G: Germany 60: KR-V6080  
 Δ indicates safety critical components.

\* New Parts  
 Parts without **Parts No.** are not supplied.  
 Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.  
 Teile ohne **Parts No.** werden nicht geliefert.

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
629	2B,2C	*	J02-1163-08	FOOT		
630	2B	*	J19-3631-08	HOLDER		
631	2C	*	J19-3750-08	UNIT HOLDER		
632	2C	*	J19-5710-08	UNIT HOLDER		
633	1C	*	J42-0200-08	POWER CORD BUSHING		
634	1A	*	J19-2815-04	LOOP ANTENNA STAND		
641	2B	*	K29-6434-08	KNOB(CONTROL)		
644	2A	*	K29-6429-08	KNOB(SPEAKER)		
644	2A	*	K29-6448-08	KNOB(SPEAKER)		
645	2A	*	K29-6430-08	KNOB(MAIN POWER)		
646	2A	*	K29-6431-08	KNOB(POWER)		
647	2A	*	K29-6432-08	KNOB(RDS)		
648	2A	*	K29-6433-08	KNOB(MODE)		
649	2A	*	K29-6435-08	KNOB(VOLUME ASSY)		
651	2A	*	K29-6437-08	KNOB(SELECTOR)		
655	1B	*	L07-2197-08	POWER TRANS		
655	1B	*	L07-2198-08	POWER TRANS		
655	1B	*	L07-2199-08	POWER TRANS		
655	1B	*	L07-2201-08	POWER TRANS		
655	1B	*	L07-2202-08	POWER TRANS		
655	1B	*	L07-2203-08	POWER TRANS		
655	1B	*	L07-2208-08	POWER TRANS		
655	1B	*	L07-2209-08	POWER TRANS		
A	C		N09-3095-08	SCREW (4X8)		
			N09-3160-08	SCREW (3X14)		
661	1A	*	T90-0804-08	AM LOOP ANTENNA		
662	1B	*	T90-0182-15	FM ANTENNA WIRE		
663	1B	*	T90-0805-08	ANTENNA ADAPTOR		
<b>MAIN UNIT</b>						
CN11		*	E40-9969-08	CN WAFER	15P	
CN12		*	E40-9968-08	CN WAFER	14P	
CN13		*	E40-9967-08	CN WAFER	10P	
CN15		*	E40-9971-08	CN WAFER	3P	
C1		*	CE04KW1C470M	ELECTRO	47UF	16WV
C2		*	CK45FB1H102K	CERAMIC	1000PF	K
C3		*	CE04KW1C470M	ELECTRO	47UF	16WV
C4		*	CE04KW1V222M	ELECTRO	2200UF	35WV
C5		*	CK45FB1H103K	CERAMIC	0.010UF	K
C6		*	CE04KW1C470M	ELECTRO	47UF	16WV
C7		*	CK45FB1H102K	CERAMIC	1000PF	K
C8,9		*	CE04KW1C470M	ELECTRO	47UF	16WV
C10,11		*	CE04KW1J472M	ELECTRO	4700UF	63WV
C10,11		*	C90-3561-05	ELECTRO	4700UF	50WV
C10,11		*	C90-3565-08	ELECTRO	6800UF	63WV
C12		*	CE04KW0J221M	ELECTRO	220UF	6.3WV
C13		*	CE04KW1V100M	ELECTRO	10UF	35WV
C14		*	CE04KW1H010M	ELECTRO	1.0UF	50WV
C15		*	CK45FB1H681K	CERAMIC	680PF	K
C16,17		*	C91-0735-05	CERAMIC	39PF	J
C18,19		*	C91-0749-05	CERAMIC	220PF	K
C20,21		*	CE04KW1A101M	ELECTRO	100UF	10WV
C22,23		*	CE04KW1V100M	ELECTRO	10UF	35WV
C24,25		*	C91-0757-05	CERAMIC	1000PF	K

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
C26,27		*	C093FM1H123J	MYLAR	0.012UF	J
C28,29		*	C093FM1H332J	MYLAR	3300PF	J
C30,31		*	CE04KW1H4R7M	ELECTRO	4.7UF	50WV
C32,33		*	CK45FB1H102K	CERAMIC	1000PF	K
C34		*	CE04KW1C220M	ELECTRO	22UF	16WV
C35,36		*	CE04KW1H4R7M	ELECTRO	4.7UF	50WV
C37,38		*	CE04KW1V100M	ELECTRO	10UF	35WV
C39,40		*	CK45FB1H561K	CERAMIC	560PF	K
C41,42		*	C093FM1H393J	MYLAR	0.039UF	J
C43,44		*	C91-0745-05	CERAMIC	100PF	K
C45,46		*	CK45FB1H221K	CERAMIC	220PF	K
C47,48		*	C91-0757-05	CERAMIC	1000PF	K
C49		*	CE04KW1C470M	ELECTRO	47UF	16WV
C50		*	CE04KW1H2R2M	ELECTRO	2.2UF	50WV
C50		*	CK45FB1H103K	CERAMIC	0.010UF	K
C51,52		*	CK45FE2H103P	CERAMIC	0.010UF	P
C101,102		*	CE04KW1H4R7M	ELECTRO	4.7UF	50WV
C103,104		*	CK45FSL1H680J	CERAMIC	68PF	J
C105,106		*	CK45FB1H221K	CERAMIC	220PF	K
C107,108		*	CE04KW1A101M	ELECTRO	100UF	10WV
C111,112		*	CC45FSL1H330J	CERAMIC	33PF	J
C113,114		*	CE04KW1H010M	ELECTRO	1.0UF	50WV
C113,114		*	CE04KW2A010M	ELECTRO	1.0UF	100WV
C117,118		*	CC45FSL2H330J	CERAMIC	33PF	J
C119,120		*	CK45FSL1H680J	CERAMIC	68PF	J
C121,122		*	CE04KW1A470M	ELECTRO	47UF	10WV
C125,126		*	CC45FSL1H330J	CERAMIC	33PF	J
C129,130		*	CC45FSL2H330J	CERAMIC	33PF	J
C131,132		*	CK45FB1H221K	CERAMIC	220PF	K
C133		*	CE04KW1H010M	ELECTRO	1.0UF	50WV
C133		*	CE04KW2A010M	ELECTRO	1.0UF	100WV
C134,135		*	CE04KW1C470M	ELECTRO	47UF	16WV
C136		*	CE04KW1C220M	ELECTRO	22UF	16WV
C137		*	CE04KW2A100M	ELECTRO	10UF	100WV
C137,138		*	CE04KW1H010M	ELECTRO	100UF	50WV
C137,138		*	CE04KW1J101M	ELECTRO	100UF	63WV
C138		*	CE04KW2A101M	ELECTRO	100UF	100WV
C139,140		*	CK45FB1H471K	CERAMIC	470PF	K
C141,144		*	CK45FB1H103K	CERAMIC	0.010UF	K
C145,146		*	C093FM1H683J	MYLAR	0.068UF	J
C147,148		*	C093FM1H683J	MYLAR	0.068UF	J
C151,154		*	CK45FB1H103K	CERAMIC	0.010UF	K
C155,156		*	C093FM1H683J	MYLAR	0.068UF	J
C157,158		*	C093FM1H683J	MYLAR	0.068UF	J
C159		*	CE04KW1A221M	ELECTRO	220UF	10WV
C160-162		*	CE04KW1H4R7M	ELECTRO	4.7UF	50WV
C174-184		*	CK45FB1H103K	CERAMIC	0.010UF	K
C185		*	CE04KW2A2R2M	ELECTRO	2.2UF	100WV
C191-194		*	CC45FSL1H220J	CERAMIC	22PF	J
C195-199		*	C91-0737-05	CERAMIC	47PF	J
C201-203		*	CK45FB1H221K	CERAMIC	220PF	K
C251,252		*	CE04KW1C220M	ELECTRO	22UF	16WV
E1	1C	*	E63-0154-08	PHONO JACK (2P)		
E2	1C	*	E21-0034-08	TERMINAL(SPEAKER 6P)		
E2	1C	*	E70-0073-08	TERMINAL(SPEAKER 2P)		

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Use same Parts No. when not given.						
Ref. No.	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
E2	1C	*	E70-0074-08	TERMINAL(SPEAKER 4P)		
E3	1C	*	E70-0004-08	TERMINAL(SPEAKER 8P)		
E301	1C	*	E63-0152-08	PHONO JACK(4P),VIDEO		
E302	1C	*	E11-0188-05	JACK,D3.5		
G501		*	E23-1720-08	TERMINAL(GND)		
JACK451	2B	*	E11-0263-08	JACK,D6.5(PHONES)		
TP1,2		*	E40-9970-08	CN WAFER(TEST POINT)		
L101-104		*	L39-1303-08	INDUCTOR		
L105		*	L33-0537-08	COIL,FILTER,INDUCTOR		
CP101,102			R90-0826-05	MULTI-COMP	0.22X2	J 5W
CP103,104			R90-0826-05	MULTI-COMP	0.22X2	J 5W
R1			RD14GB3D331J	FL-PROOF RD	330	J 2W
R1,2			RS14GB3A561J	FL-PROOF RS	560	J 1W
R3			RD14GB3D331J	FL-PROOF RD	330	J 2W
R7			RD14GB2E101J	FL-PROOF RD	100	J 1/4W
R11			RS14GB3D821J	FL-PROOF RS	820	J 2W
R12			RS14GB3D181J	FL-PROOF RS	180	J 2W
R13			RD14GB2E100J	FL-PROOF RD	100	J 1/4W
R23,24			RD14BB2C331J	RD	330	J 1/6W
R23,24			RD14BB2C361J	RD	360	J 1/6W
R23,24			RD14GB2E470J	FL-PROOF RD	47	J 1/4W
R65,66			RD14BB2C301J	RD	300	J 1/6W
R113,114			RD14BB2C331J	RD	330	J 1/6W
R113,114			RD14BB2C391J	RD	390	J 1/6W
R115-118			RD14GB2E221J	FL-PROOF RD	220	J 1/4W
R121,122			RD14BB2C103J	RD	10K	J 1/6W
R121,122			RD14BB2C392J	RD	3.9K	J 1/6W
R121,122			RD14BB2C473J	RD	47K	J 1/6W
R121,122			RD14GB2E121J	FL-PROOF RD	120	J 1/4W
R141,142			RD14BB2C331J	RD	330	J 1/6W
R141,142			RD14BB2C361J	RD	360	J 1/6W
R141,142			RD14BB2C431J	RD	430	J 1/6W
R143,144			RD14GB2E221J	FL-PROOF RD	220	J 1/4W
R145			RD14BB2C223J	RD	22K	J 1/6W
R145			RD14BB2C272J	RD	2.7K	J 1/6W
R145-148			RD14BB2C392J	RD	3.9K	J 1/6W
R146			RD14BB2C682J	RD	6.8K	J 1/6W
R146			RD14BB2C822J	RD	8.2K	J 1/6W
R147			RD14BB2C103J	RD	10K	J 1/6W
R147			RD14BB2C473J	RD	47K	J 1/6W
R148			RD14BB2C682J	RD	6.8K	J 1/6W
R148			RD14BB2C822J	RD	8.2K	J 1/6W
R149,150			RD14GB2E221J	FL-PROOF RD	220	J 1/4W
R153,154			RD14GB2E121J	FL-PROOF RD	120	J 1/4W
R183,184			RD14GB2E100J	FL-PROOF RD	100	J 1/4W
R189-192			RD14GB2E220J	FL-PROOF RD	22	J 1/4W
R193,194			RD14GB2E332J	FL-PROOF RD	3.3K	J 1/4W
R199,200			RS14GB3A100J	FL-PROOF RS	100	J 1W
R209-212			RD14GB2E220J	FL-PROOF RD	22	J 1/4W
R213,214			RD14GB2E332J	FL-PROOF RD	3.3K	J 1/4W
R221,222			RS14GB3A100J	FL-PROOF RS	100	J 1W
R233,234			RS14GB3A561J	FL-PROOF RS	560	J 1W
R254			RD14BB2C104J	RD	100K	J 1/6W
R255			RD14BB2C361J	RD	360	J 1/6W

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R256 VR101,102			RD14BB2C103J R12-1616-05	RD 10K J 1/6W VARIABLE RESISTOR(IDLE ADJ)	50,55	
K1		*	S76-0054-08	RELAY	60	
K2		*	S75-0053-08	RELAY	50,55	
K3		*	S76-0054-08	RELAY	60	
S301	1C	*	S76-0053-08 S62-0032-08	RELAY SPEAKER SW,SLIDE(IMPEDANCE SELECTOR)		
S451			S68-0061-08	SP SELECTOR SWITCH	50,55	
Δ D1-4			1N4002A	DIODE		
Δ D5			1N4002A	DIODE		
Δ D6			1N4002A	DIODE		
Δ D7			1N4002A	DIODE		
Δ D8			1N4002A	DIODE		
Δ D9-13			1SS131T	DIODE		
Δ D15			1N4004A	DIODE		
Δ D16			D5SB20	DIODE		
Δ D101-118			1SS131T	DIODE		
Δ D121,122			1SS131T	DIODE		
Δ D123,124			1N4002A	DIODE		
Δ D15,516			1N4002A	DIODE		
Δ IC1,2		*	NJM4580D-D	IC(OP AMP X2)		
Δ Q2,3			2SA9261E 2SC1740SR	TRANSISTOR TRANSISTOR		
Δ Q4,5			2SA933S 2SD2061E	TRANSISTOR TRANSISTOR		
Δ Q6			2SA916Y	TRANSISTOR		
Δ Q7			2SA933S	TRANSISTOR		
Δ Q8			2SC1740SR	TRANSISTOR		
Δ Q9,10			2SC1740SR	TRANSISTOR		
Q11			2SC1740SR	TRANSISTOR	60	
Q12,13			2SC1740SR	TRANSISTOR		
Q14			2SA916Y	TRANSISTOR		
Q15			DTIC144ES	TRANSISTOR		
Q101,102			2SC2878	TRANSISTOR		
Q103-106			2SA992F	TRANSISTOR		
Q107-110			2SC1845F	TRANSISTOR		
Q111,112			2SA992F	TRANSISTOR		
Q113,114			2SC2878	TRANSISTOR		
Q115-118			2SA992F	TRANSISTOR		
Q119-122			2SC1845F	TRANSISTOR		
Q123,124			2SA992F	TRANSISTOR		
Q125,126			2SC1740SR	TRANSISTOR		
Q127			2SA992F	TRANSISTOR		
Q128			2SA992F	TRANSISTOR		
Q129,130			2SC1845F	TRANSISTOR		
Q131,132			2SA992F	TRANSISTOR		
Q133,134			2SC1845F	TRANSISTOR		
Q135			2SA933S	TRANSISTOR		
Q136			2SC1740SR	TRANSISTOR		
Q137			2SA933S	TRANSISTOR		
Q138			2SC1740SR	TRANSISTOR		
Q139			2SA933S	TRANSISTOR		
Q140			2SC1740SR	TRANSISTOR		
Q141,142			2SC1845F	TRANSISTOR		
Q143,144			2SD882Y	TRANSISTOR		

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Q145,146 Q147,148 Q149,150 Q151 Q152,153			2SC1845F 2SD082Y 2SC1845F 2SA992F 2SD2222Q	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR		60
Δ Q152,153		*	2SD2389Q	TRANSISTOR		50
Δ Q152,153		*	2SD2390Q	TRANSISTOR		55
Δ Q154,155		*	2SB1470Q	TRANSISTOR		50
Δ Q157		*	2SD2389P	TRANSISTOR		55,60
Δ Q157		*	2SD2390P	TRANSISTOR		
Δ Q158			2SD2389P	TRANSISTOR		55,60
Δ Q158			2SD2493P	TRANSISTOR		50
Δ Q159			2SB1559P	TRANSISTOR		50
Δ Q159			2SB1560P	TRANSISTOR		55,60
Δ Q160			2SB1559P	TRANSISTOR		55,60
Δ Q160			2SB1624P	TRANSISTOR		50
Δ Q251,252			2SC1740SR	TRANSISTOR		50,55
Q263			DTIC144ES	TRANSISTOR		50,55
Q254			DTA114ES	TRANSISTOR		50,55
ZD1			MTZ6.2B	ZENER DIODE		
ZD2			MTZJ10B	ZENER DIODE		
ZD3,4			MTZJ16B	ZENER DIODE		
ZD5			MTZ4.7B	ZENER DIODE		
ZD6			MTZ3.9B	ZENER DIODE		
ZD7			MTZ5.1B	ZENER DIODE		
ZD101,102		*	MTZJ10B	ZENER DIODE		50,55
ZD101,102		*	MTZJ20B	ZENER DIODE		50
ZD103,104		*	MTZ12B	ZENER DIODE		55
ZD103,104		*	MTZ13B	ZENER DIODE		
ZD103,104		*	MTZ6.8B	ZENER DIODE		60
ZD105-108		*	MTZJ10B	ZENER DIODE		60
ZD105-108		*	MTZ6.2B	ZENER DIODE		50
ZD105-108		*	MTZ9.1B	ZENER DIODE		55
ZD106,110		*	MTZ12B	ZENER DIODE		
ZD109,110		*	MTZ13B	ZENER DIODE		55
ZD109,110		*	MTZ6.8B	ZENER DIODE		60
ZD111,112		*	MTZJ10B	ZENER DIODE		50,55
ZD111,112		*	MTZJ20B	ZENER DIODE		60
ZD113		*	MTZJ16B	ZENER DIODE		55
ZD113		*	MTZJ18B	ZENER DIODE		50,60
ZD114		*	MTZJ18B	ZENER DIODE		55
ZD115,116		*	MTZJ18B	ZENER DIODE		55
ZD115,116		*	MTZJ20B	ZENER DIODE		55,60
ZD117		*	MTZJ20B	ZENER DIODE		
ZD118		*	MTZJ18B	ZENER DIODE		50
ZD119,120		*	MTZJ10B	ZENER DIODE		55,60
ZD119,120		*	MTZJ18B	ZENER DIODE		
ZD121		*	MTZ5.1B	ZENER DIODE		
ZD122		*	MTZ20B	ZENER DIODE		

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## POWER • VIDEO UNIT

CN14	E40-4295-05	CN WAFER	5P		
CN17	E40-4245-05	CN WAFER	2P		
CN19	L108-03960-201	CN WAFER	2P		
CN19	L108-35310-200	CN WAFER	2P		
C250	C91-1441-08	CERAMIC	4700PF	250WV	

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C301			CE04KWJ471M	ELECTRO 470UF 6.3WV		
C302			CE04KWJ471M	ELECTRO 47UF 16WV		
C303,304			CK45FB1H103K	CERAMIC 0.010UF K		
C305,306			CE04KWJ1H100M	ELECTRO 10UF J		
C307,308			C91-0737-05	CERAMIC 47PF J		
C309,310			CK45FB1H103K	CERAMIC 0.010UF K		
C311,312			C91-0749-05	CERAMIC 220PF K		
C313			CK45FB1H103K	CERAMIC 0.010UF K		
C401,402			CE04KWJ471M	ELECTRO 47UF 16WV		
C403			CE04KWJ1H100M	ELECTRO 10UF 50WV		
C404			CE04KWJ1E331M	ELECTRO 330UF 25WV		
C406			CK45FE2H103P	CERAMIC 0.010UF P		
C407			CK45FB1H103K	CERAMIC 0.010UF K		
C408			C91-1441-08	CERAMIC 4700PF 250WV		
C409			CK45FB1H103K	CERAMIC 0.010UF K	MY	
Δ C410			CK45FB1H473K	CERAMIC 0.047UF K	MY	
Δ A401	1B	*	E03-0144-08	AC OUTLET	KPY	
Δ A401	1B	*	E03-0322-08	AC OUTLET	T	
Δ A401	1B	*	E03-0324-08	AC OUTLET	MEC	
Δ A402	1B	*	E03-0322-08	AC OUTLET	T	
Δ A402	1B	*	E03-0324-08	AC OUTLET	MEC	
Δ A403		*	E30-0334-08	AC OUTLET	X	
Δ F1	1B		F04-5022-05	FUSE,5A	KP	55
Δ F1	1B		F05-2525-05	FUSE,2.5A	MX	55
Δ F1	1B		F05-3121-05	FUSE,3.15	MCY	60
Δ F1	1B		F06-2021-05	FUSE,2A	ETX	50
Δ F2	1B		F05-2525-05	FUSE,2.5A	MX	55
Δ F2	1B		F05-3121-05	FUSE,3.15A	MCXYET	60
Δ F2	1B		F05-6029-05	FUSE,6A	KP	
Δ F3	1B		F05-2525-05	FUSE,2.5A	MCXYE	
Δ FH2,3		*	J13-0075-08	HOLDER,FUSE CLIP	X	
Δ T401			L07-1983-08	POWER TRANSFORMER	ET	
Δ T401			L07-1985-08	POWER TRANSFORMER	KP	
Δ T401			L07-1987-08	POWER TRANSFORMER	ET	
Δ T401		*	L07-2200-08	POWER TRANSFORMER	MCY	
R251,252			RD14GB2E100J	FL-PROOF RD 10 J 1/4W		
R253			RD14GB2E3R3J	FL-PROOF RD 3.3 J 1/4W		
R307,308			RS14GB3A391J	FL-PROOF RS 390 J 1W		
R405			RS14GB3D222J	FL-PROOF RS 2.2K J 2W	MY	
R406			R92-1841-08	FL-PROOF RS 7.5K J 6W	MY	
R412			RD14BB2C103J	RD 10K J 1/6W	MY	60
Δ RY401			S76-0008-05	RELAY AC OUTLET		50,55
Δ S401	1C		S82-0059-08	SLIDE SWITCH		
Δ SW1	1A,2A		S40-1089-05	SW,PUSH(MAIN POWER)	ETMCXY	
Δ D5			1N4002A	DIODE		
Δ D7			1N4002A	DIODE		
Δ D301-304			1SS131T	DIODE		
Δ D401-404			1SS131T	DIODE		
Δ D405-408			1N4002A	DIODE		
D409			1SS131T	DIODE	MY	
IC301			NJM2279D	IC(VIDEO IC)		
Q401			2SC2316Y	TRANSISTOR		
Q402			2SC1740SR	TRANSISTOR		

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Q403			2SC1740SR	TRANSISTOR	MY	
Q404			2SC1845FR	TRANSISTOR	MY	
Q405			2SA916	TRANSISTOR	MY	
Q410			2SC1845FR	TRANSISTOR	MY	
ZD301,302			MTZ6.2B	ZENER DIODE		
ZD401			MTZ6.2B	ZENER DIODE		
ZD402			MTZ2.7B	ZENER DIODE		
ZD404			MTZ6.2B	ZENER DIODE		

AUDIO UNIT						
C501-504		C91-0749-05	CERAMIC	220PF	K	ET
C505,506		C91-0749-05	CERAMIC	220PF	K	
C507,508		C91-0749-05	CERAMIC	220PF	K	ET
C509,510		C91-0749-05	CERAMIC	220PF	K	
C511,512		C91-0749-05	CERAMIC	220PF	K	ET
C513,514		C91-0749-05	CERAMIC	220PF	K	
C515,516		C91-0749-05	CERAMIC	220PF	K	ET
C517		C91-0749-05	CERAMIC	220PF	K	
C517		C91-0757-05	CERAMIC	1000PF	K	
C518		C91-0749-05	CERAMIC	220PF	K	
C519,520		CK45FF1H103Z	CERAMIC	0.010UF	Z	
C521,522		CE04KWJ1H2R2M	ELECTRO	2.2UF	50WV	
C523,524		C91-0749-05	CERAMIC	220PF	K	ET
C525-528		CE04KWJ1C20M	ELECTRO	22UF	16WV	
C529,530		CE04KWJ1H4R7M	ELECTRO	4.7UF	50WV	
C531		CQ93FM1H223J	MYLAR	0.022UF	J	
C532		CQ93FM1H473J	MYLAR	0.047UF	J	
C533		CE04KWJ1A221M	ELECTRO	220UF	10WV	
C534-537		CE04KWJ1H100M	ELECTRO	10UF	50WV	
C538		CE04KWJ1A221M	ELECTRO	220UF	10WV	
C539,540		CE04KWJ1H010M	ELECTRO	1.0UF	50WV	
C541,542	*	CF93AN1H104J	MF-C	0.10UF	J	
C543		CE04KWJ1HR47M	ELECTRO	0.47UF	50WV	
C544		CE04KWJ1HR47M	ELECTRO	4.7UF	50WV	
C545		CE04KWJ1HR47M	ELECTRO	0.47UF	50WV	
C546		CE04KWJ1HR47M	ELECTRO	4.7UF	50WV	
C547	*	CF93AN1H154J	MF-C	0.15UF	J	
C548		CE04KWJ1H3R3M	ELECTRO	3.3UF	50WV	
C549,550		CF93AN1H154J	MF-C	0.15UF	J	
C551		CE04KWJ1H3R3M	ELECTRO	3.3UF	50WV	
C552	*	CF93AN1H154J	MF-C	0.15UF	J	
C553		CE04KWJ1HR47M	ELECTRO	4.7UF	50WV	
C554		CE04KWJ1HR47M	ELECTRO	0.47UF	50WV	
C555		CE04KWJ1HR47M	ELECTRO	4.7UF	50WV	
C556		CE04KWJ1HR47M	ELECTRO	0.47UF	50WV	
C557,558	*	CF93AN1H104J	MF-C	0.10UF	J	
C559		CE04KWJ1C470M	ELECTRO	47UF	16WV	
C560	*	CF93AN1H1474J	MF-C	0.47UF	J	
C561	*	CF93AN1H824J	MF-C	0.82UF	J	
C562,563	*	CE04KWJ1H100M	ELECTRO	10UF	50WV	
C564		C91-0755-05	CERAMIC	680PF	K	
C565		C91-0757-05	CERAMIC	1000PF	K	
C566	*	CF93AN1H104J	MF-C	0.10UF	J	
C567		CE04KWJ1C470M	ELECTRO	47UF	16WV	
C568		CE04KWJ1H2R2M	ELECTRO	2.2UF	50WV	

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C569			CQ93FM1H222J	MYLAR 2200PF J		
C570			CQ93FM1H103J	MYLAR 0.010UF J		
C571			CE04KW1H100M	ELECTRO 10UF 50WV		
C572			CE04KW1A221M	ELECTRO 220UF 10WV		
C573,574			CE04KW1H100M	ELECTRO 10UF 50WV		
C575		*	CF93AN1H105J	MF-C 1.0UF J		
C576,578			CQ93FM1H333J	MYLAR 0.033UF J		
C577			CQ93FM1H152J	MYLAR 1500PF J		
C579			CK45FF1H223Z	CERAMIC 0.022UF Z		
C580			CE04KW1A221M	ELECTRO 220UF 10WV		
C581			CE04KW1C101M	ELECTRO 100UF 16WV		
C582			CE04KW1C470M	ELECTRO 47UF 16WV		
C583,584			CE04KW1C101M	ELECTRO 100UF 16WV		
C585,586			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C587,588			CE04KW1H100M	ELECTRO 10UF 50WV		
C589			CK45FF1H103Z	CERAMIC 0.010UF Z		
C590			C91-0749-05	CERAMIC 220PF K		
C591			C91-1547-08	CERAMIC 220PF K		
C592,593			C91-0745-05	CERAMIC 100PF K		
C601,602			CK45FF1H473Z	CERAMIC 0.047UF Z		
C603			CE04KW1C101M	ELECTRO 100UF 16WV		
C604,605			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C606,607			CQ93FM1H333J	MYLAR 0.033UF J		
JACK501		*	E63-0186-08	PHONO JACK (4P)		
JACK502		*	E63-0187-08	PHONO JACK (6P)		
JACK503		*	E63-0187-08	PHONO JACK (6P)		
JP11		*	E40-9975-08	CN WAFER		
JP12		*	E40-9974-08	CN WAFER		
JP13		*	E40-9973-08	CN WAFER		
L501			L40-1001-17	COIL,FILTER-INDUCTOR		
X501			L78-0632-08	RESONATOR,CERAMIC		
R573,574			RD14GB2E150J	FL-PROOF RD 15 J 1/4W		
R576,577			RD14GB2E100J	FL-PROOF RD 10 J 1/4W		
R602			RD14GB2C102J	RD 1.0K J 1/6W		
R603			RD14GB2E100J	FL-PROOF RD 10 J 1/4W		
VR601		*	R31-0074-08	VARIABLE RESISTOR(VOLUME CONT)		
D501			MTZ5.1B	ZENER DIODE		
D502		*	MTZ10B	ZENER DIODE		
D503-516			1SS133T	DIODE		
D601			1SS133T	DIODE		
D602			MTZ5.1B	ZENER DIODE		
D603			MTZ5.1B	ZENER DIODE		
IC501			NUJ7313AL	IC(ANALOG SWITCH)		
IC502			NUJ7311AL	IC(ANALOG SWITCH)		
IC503			LA2785	IC(DOLBY PRO LOGIC DECODER IC)		
IC504			LV1011	IC(DOLBY SURROUND DECODER)		
IC505,506			NUM4580D-D	IC(OP AMP X2)		
IC601		*	BA6209N	IC(MOTOR DRIVER)		
Q501		*	KTC3205Y	TRANSISTOR		
Q502-504			2SC1740SR	TRANSISTOR		
Q601			DTA124ES	TRANSISTOR		
Q602,603			2SC1740SR	TRANSISTOR		

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TUNER UNIT (E,T)						
CN6			E40-9972-08	CN WIRE 7P	ET	
CN7		*	E40-9985-08	CN WIRE 13P		
C801			CC73FCH1H330J	CHIP C 33PF J		
C802-804			CK73FB1H102K	CHIP C 1000PF K		
C806,807			CK73FB1E102K	CHIP C 1000PF K		
C808			CQ93FM1H223J	MYLAR 0.022UF J		
C809			CE04KW1H2R2M	ELECTRO 2.2UF 50WV		
C810			CE04KW1C470M	ELECTRO 47UF 16WV		
C811			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C812			CK73FB1E103K	CHIP C 0.010UF K		
C813			CK73FCH1H060C	CHIP C 6.0PF C		
C814,815			CK73FB1H473K	CHIP C 0.047UF K		
C816			CE04KW1HR47M	ELECTRO 0.47UF 50WV		
C817			CC45FSL1H020C	CERAMIC 2.0PF C		
C818			CK73FSL1H220J	CHIP C 22PF C		
C819			CE04KW1A101M	ELECTRO 100UF 10WV		
C820			CK73FB1H472K	CHIP C 4700PF K		
C821			CC73FCH1H101J	CHIP C 100PF J		
C822			CE04KW1H477K	ELECTRO 4.7UF 50WV		
C823,824			CQ93FM1H273K	MYLAR 0.027UF K		
C825,826			CE04KW1H100M	ELECTRO 10UF 50WV		
C827			CK73FB1H473K	CHIP C 0.047UF K		
C828			CE04KW1H100M	ELECTRO 10UF 50WV		
C829			CK73FB1H473K	CHIP C 0.047UF K		
C830			CE04KW1H100M	ELECTRO 10UF 50WV		
C831			CE04KW1H100M	ELECTRO 1.0UF 50WV		
C832			CE04KW1H100M	ELECTRO 10UF 50WV		
C833			CK73FB1H473K	CHIP C 0.047UF K		
C834			CE04KW1HR47M	ELECTRO 0.47UF 50WV		
C835			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C836			CE04KW1H2R2M	ELECTRO 2.2UF 50WV		
C837			CK73FB1E103K	CHIP C 0.010UF K		
C838			CE04KW1C470M	ELECTRO 47UF 16WV		
C839			CK73FB1E103K	CHIP C 0.010UF K		
C840			CE04KW1C470M	ELECTRO 47UF 16WV		
C841-843			CK73FB1E103K	CHIP C 0.010UF K		
C845-847			CK73FSL1H220J	CHIP C 22PF J		
C848-851			CC73FCH1H101J	CHIP C 100PF J		
C852			CE04KW1C470M	ELECTRO 47UF 16WV		
C853			CK73FB1H473K	CHIP C 0.047UF K		
C854			CE04KW1HR1M	ELECTRO 0.1UF 50WV		
C855,856			CE04KW1H2R2M	ELECTRO 2.2UF 50WV		
C857,858		*	CK14FB1C562M	CERAMIC 5600PF M		
C859			CE04KW1C470M	ELECTRO 47UF 16WV		
C860			C91-0769-05	CERAMIC 0.010UF K		
C861			CE04KW1H100M	ELECTRO 10UF 50WV		
C862			C91-0769-05	CERAMIC 0.010UF K		
C863			CE04KW1H2R2M	ELECTRO 2.2UF 50WV		
C864			C91-0751-05	CERAMIC 330PF K		
C865			C91-0769-05	CERAMIC 0.010UF K		
C866			C91-0754-05	CERAMIC 560PF J		
C867			C91-0769-05	CERAMIC 0.010UF K		
C868			CE04KW1H100M	ELECTRO 10UF 50WV		

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C869			C91-0769-05	CERAMIC 0.010UF K		
C870			CC45FSL1H820J	CERAMIC 82PF K		
C871			C91-0737-05	CERAMIC 47PF J		
C872			CC73FCH1H680J	CHIP C 68PF J		
C875			CK73FB1H103K	CHIP C 0.010UF K		
C876			CC73FCH1H150J	CHIP C 15PF J		
C877			CK73FB1E103K	CHIP C 0.010UF K		
CF801,802		*	L72-0575-08	FILTER,LC MPX		
L801		*	L33-0535-08	COIL,FILTER-INDUCTOR		
L802		*	L33-0536-08	COIL,FILTER-INDUCTOR		
L803		*	L39-1322-08	COIL,IF MW		
L804		*	L39-1346-08	COIL,DET FM		
L805		*	L30-0904-08	COIL,IF MW		
L806		*	L39-1323-08	FILTER,LC MPX		
L807		*	L33-0535-08	COIL,FILTER-INDUCTOR		
L808,809		*	L39-1347-08	FILTER,LC MPX		
L810-812		*	L33-0535-08	COIL,FILTER-INDUCTOR		
L813,814		*	L33-0536-08	COIL,FILTER-INDUCTOR		
L815,816		*	L33-0535-08	COIL,FILTER-INDUCTOR		
X801		*	L77-2180-08	CRYSTAL (7.2MHZ)		
X802			L78-0633-08	RESONATOR,CERAMIC		
X803			L77-2127-08	CRYSTAL (4.332MHZ)		
X804			L78-0617-08	RESONATOR,CERAMIC (4.00MHZ)		
J816			RK73FB2B000J	CHIP R 0.0 J 1/8W		
J855			RK73FB2B000J	CHIP R 0.0 J 1/8W		
J856,857			RK73FB2B000J	CHIP R 0.0 J 1/8W		
J859			RK73FB2B000J	CHIP R 0.0 J 1/8W		
J860-868			RK73FB2B000J	CHIP R 0.0 J 1/8W		
J878			RK73FB2B000J	CHIP R 0.0 J 1/8W		
R801			RK73FB2A122J	CHIP R 1.2K J 1/10W		
R802			RK73FB2A681J	CHIP R 680 J 1/10W		
R803			RK73FB2A750J	CHIP R 75 J 1/10W		
R804			RK73FB2A621J	CHIP R 620 J 1/10W		
R805			RK73FB2A104J	CHIP R 100K J 1/10W		
R806			RK73FB2A471J	CHIP R 470 J 1/10W		
R807			RK73FB2A181J	CHIP R 180 J 1/10W		
R808			RK73FB2A104J	CHIP R 100K J 1/10W		
R809			RK73FB2A103J	CHIP R 10K J 1/10W		
R810			RK73FB2A104J	CHIP R 100K J 1/10W		
R811,812			RK73FB2A223J	CHIP R 22K J 1/10W		
R815			RK73FB2A332J	CHIP R 3.3K J 1/10W		
R816			RK73FB2A681J	CHIP R 680 J 1/10W		
R817			RK73FB2A100J	CHIP R 10 J 1/10W		
R818			RK73FB2A331J	CHIP R 330 J 1/10W		
R819			RK73FB2A101J	CHIP R 100 J 1/10W		
R823			RD14GB2E101J	FL-PROOF RD 100 J 1/4W		
R826			RK73FB2A473J	CHIP R 47K J 1/10W		
R827			RK73FB2A333J	CHIP R 33K J 1/10W		
R829			RK73FB2A392J	CHIP R 3.9K J 1/10W		
R829,831			RK73FB2A333J	CHIP R 33K J 1/10W		
R830,831			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R832			RK73FB2A562J	CHIP R 5.6K J 1/10W		
R833			RK73FB2A302J	CHIP R 3.0K J 1/10W		
R834			RD14GB2E470J	FL-PROOF RD 47 J 1/4W		
R837			RS14GB3D221J	FL-PROOF RS 220 J 2W		

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R838			RK73FB2A103J	CHIP R	10K	J 1/10W
R839,840			RK73FB2A102J	CHIP R	1.0K	J 1/10W
R846-849			RK73FB2A472J	CHIP R	4.7K	J 1/10W
R851			RK73FB2A332J	CHIP R	3.3K	J 1/10W
R852			RK73FB2A222J	CHIP R	2.2K	J 1/10W
R853			RK73FB2A332J	CHIP R	3.3K	J 1/10W
R858			RK73FB2A104J	CHIP R	100K	J 1/10W
R860			RK73FB2A104J	CHIP R	100K	J 1/10W
R861			RK73FB2A102J	CHIP R	1.0K	J 1/10W
R865			RK73FB2A821J	CHIP R	820	J 1/10W
R866			RK73FB2A473J	CHIP R	47K	J 1/10W
R867			RK73FB2A472J	CHIP R	4.7K	J 1/10W
R868			RK73FB2A102J	CHIP R	1.0K	J 1/10W
R871			RK73FB2A102J	CHIP R	1.0K	J 1/10W
R872			RK73FB2A561J	CHIP R	560	J 1/10W
R874			RD14GB3D331J	FL-PROOF RD	330	J 2W
R882			RK73FB2A331J	CHIP R	330	J 1/10W
R883			RK73FB2A563J	CHIP R	56K	J 1/10W
R884			RK73FB2A473J	CHIP R	47K	J 1/10W
JACK801	2C		E70-0023-08	ANTENNA TERMINAL		
D801			MTZ5.1B	ZENER DIODE		
D802		*	MTZ3.3B	ZENER DIODE		
D803		*	1SS355USM	DIODE		
D804			MTZ5.1B	ZENER DIODE		
D804-806			1SS1337-77	DIODE		
D807		*	1SS355USM	DIODE		
IC801		*	LA1836N	IC		
IC802		*	LC7218	IC (PLL FREQUENCY SYNTHESIZER)		
IC803		*	LM258N	IC		
IC804		*	SAA6597N	IC		
IC805			LC6543H	IC		
Q801			2SC2412K	TRANSISTOR		
Q802			2SA1037K	TRANSISTOR		
Q803			2SC2412K	TRANSISTOR		
Q804			KTC3880O	TRANSISTOR		
Q805			2SC1845F	TRANSISTOR		
Q806			2SC1740SR	TRANSISTOR		
Q807,808			2SA933S	TRANSISTOR		
Q809			2SC1740SR	TRANSISTOR		
Q810			2SC2412K	TRANSISTOR		
Q811			KTC3205Y	TRANSISTOR		
Q812,813			2SC2412K	TRANSISTOR		
Q814			2SA1037K	TRANSISTOR		
ZD803			MTZJ8.2B	ZENER DIODE		
TU801			W02-2529-08	FM FRONT END		
<b>TUNER UNIT (K,P,M,X,Y)</b>						
C801,802			CK45FF1H103Z	CERAMIC	0.010UF	Z
C803			CK45FC1H1150J	CERAMIC	15PF	J
C804			CE04KW1C1470M	ELECTRO	47UF	16WV
C805			CK45FF1H103Z	CERAMIC	0.010UF	Z
C806			CK45FF1H473Z	CERAMIC	0.047UF	Z
C808			CK45FF1H103Z	CERAMIC	0.010UF	Z
C810			CK45FB1H102K	CERAMIC	1000PF	Z

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C811			CE04KW1H4R7M	ELECTRO 4.7UF 50WV		
C812			CC45FCH1H101J	CERAMIC 100PF J		
C813			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C814			CE04KW1H2R2M	ELECTRO 2.2UF 50WV		
C815			CK45FB1H681K	CERAMIC 680PF K		
C821,822			C093FMG1H123J	MYLAR 0.012UF J	KPET	
C821,822			C093FMG1H153J	MYLAR 0.015UF J	MX	
C823			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C824			CE04KW1H3R3M	ELECTRO 3.3UF 50WV		
C825			CE04KW1H100M	ELECTRO 10UF 50WV		
C826			CC45FCH1H101J	CERAMIC 100PF J		
C827			CK45FF1H473Z	CERAMIC 0.047UF Z		
C828			CE04KW1H100M	ELECTRO 10UF 50WV		
C831			CE04KW1C470M	ELECTRO 47UF 16WV		
C832			CK45FF1H103Z	CERAMIC 0.010UF Z		
C833,834			CC45FCH1H300J	CERAMIC 30PF J		
C835-838			CK45FB1H471K	CERAMIC 470PF K		
C839			CE04KW1C470M	ELECTRO 47UF 16WV		
C840			C093FMG1H223J	MYLAR 0.022UF J		
C841			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C842,843			CK45FF1H103Z	CERAMIC 0.010UF Z	KP	
C844,845			C093FMG1H123J	MYLAR 0.012UF J	MX	
C844,845			C093FMG1H153J	MYLAR 0.015UF J		
C850			CK45FF1H103Z	CERAMIC 0.010UF Z		
C851			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C852			CE04KW1C470M	ELECTRO 47UF 16WV		
C853			CE04KW1HR47M	ELECTRO 0.47UF 50WV		
C854,855			C91-0767-05	CERAMIC 6800PF M	M	
C856			CE04KW1HR47M	ELECTRO 0.47UF 50WV		
C857			CC45FCH1H220J	CERAMIC 22PF J		
C859,860			CE04KW1HR47M	ELECTRO 0.47UF 50WV		
C861,862			CE04KW1C470M	ELECTRO 47UF 16WV		
C865			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C866			CK45FB1H102K	CERAMIC 1000PF K		
C871			CE04KW1H100M	ELECTRO 10UF 50WV		
C872			CE04KW1C470M	ELECTRO 47UF 16WV		
JACK801	2C		E70-0023-08	ANTENNA TERMINAL BOARD		
CF801,802			L72-0531-05	CERAMIC FILTER		
CF803			L72-0585-08	CERAMIC FILTER		
L803			L39-1322-08	COIL		
L806			L40-1091-17	COIL		
L807			L30-0904-08	IFT AM		
L810			L40-1091-17	COIL		
L811			L33-0381-08	COIL		
L812			L40-1091-17	COIL		
X801			L77-2126-08	CRYSTAL RESONATOR		
X802			L78-0633-08	CRYSTAL RESONATOR		
R811			RS14KB3A820J	FL-PROOF RS 82 J 1W		
R813			RD14GB2E470J	FL-PROOF RD 47 J 1/4W		
R831			RS14KB3D221J	FL-PROOF RS 220 J 2W		
R842			RD14GB2E101J	FL-PROOF RD 100 J 1/4W		
R865			RD14GB2E101J	FL-PROOF RD 100 J 1/4W		
R868			RD14GB2E101J	FL-PROOF RD 100 J 1/4W		
R869,870			RD14GB2C393J	FL-PROOF RD 39K J 1/6W		

L : Scandinavia K : USA P : Canada R : Mexico 50 : KR-V5080  
Y : PX(Far East, Hawaii) T : Europe E : Europe G : Germany 55 : KR-V5580  
Y : AAFES(Europe) X : Australia M : Other Areas 60 : KR-V6080  
△ indicates safety critical components.

\* New Parts  
Parts without **Parts No.** are not supplied.  
Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.  
Teile ohne **Parts No.** werden nicht geliefert.

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
SW801	2C		S62-0012-08	SLIDE SWITCH	M	
D802			MTZJ8.2B	ZENER DIODE		
D803			RD5.1ES(B2)	ZENER DIODE		
D804			MTZJ3.3B	ZENER DIODE		
D807,808			1SS133	DIODE		
D811,812			1SS133	DIODE		
IC801			LA1831	IC(AM/FM TUNER)		
IC802			LC7218	IC(PLL FREQUENCY SYNTHESIZER)		
IC803			NJM4556DD	IC		
Q801			2SC2194O	TRANSISTOR		
Q802			2SC1845F	TRANSISTOR		
Q803			2SC1740S-R	TRANSISTOR	M	
Q804			2SA933S	TRANSISTOR		
Q805			2SC1740S-R	TRANSISTOR		
Q806			2SA933S	TRANSISTOR		
Q807			2SC1740S-R	TRANSISTOR		
Q808			2SC1740S-R	TRANSISTOR	M	
Q809,810			2SC1740S-R	TRANSISTOR		
Q811			2SC2236A	TRANSISTOR		
Q811			2SC3205Y	TRANSISTOR		
Q812			2SA933S	TRANSISTOR		
TU801			W02-2530-08	FM TUNER PACK		
FRONT UNIT						
A901			A70-1084-08	REMOTE SENSOR		
D941			LTL4213	LED		
D943			LTL4213	LED		
C608,609			CE04KW1H100M	ELECTRO 10UF 50WV		
C901			CE04KW1H4R7M	ELECTRO 4.7UF 50WV		
C902			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C903			C90-1826-05	BACKUP-C 0.047F 5.5WV		
C904			CE04KW1A101M	ELECTRO 100UF 10WV		
C905,906			CE04KW1H4R7M	ELECTRO 4.7UF 50WV		
C907,908			CE04KW1V330M	ELECTRO 33UF 35WV		
C909			C91-0769-05	CERAMIC 0.010UF K		
C910			CK14FF1E223Z	CERAMIC 0.022UF Z		
C911			C91-0769-05	CERAMIC 0.010UF K		
C912,913			CK14FF1E223Z	CERAMIC 0.022UF Z		
C914			CE04KW1C470M	ELECTRO 47UF 16WV		
C915			C91-0769-05	CERAMIC 0.010UF K		
C916			C91-0763-05	CHIP C		
C920			C91-0741-05	CERAMIC 68PF J		
C921			C91-0741-05	CERAMIC 68PF J	ET	
C922			C91-0741-05	CERAMIC 68PF J		
C923,924			C91-0731-05	CERAMIC 27PF J		
C925,926			C91-0745-08	CERAMIC 27PF J		
C927			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C927			C093FM1H563J	MYLAR 0.056UF J		
C933			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C941,942			C093FM1H563J	MYLAR 0.056UF J		
C970-973			C91-0745-05	CERAMIC 100PF K		
L901-904			L40-1091-17	COIL, FILTER-INDUCTOR	ET	
X901			L78-0209-05	RESONATOR (4.19MHZ)		

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
VR901			R31-0055-08	VARIABLE RESISTOR(BALANCE)		
VR902,903			R31-0054-08	VARIABLE RESISTOR(BASS TREBLE)		
S901			S40-1064-05	SW.TACT		
S904-920			S40-1064-05	SW.TACT		
S922-935			S40-1064-05	SW.TACT		
S936-938			S40-1064-05	SW.TACT		
S940			S60-0034-08	SW.ROTARY(INPUT SELECTOR)	ET	
S970,971			S40-1064-05	SW.TACT		60
S972			S40-1064-05	SW.TACT		
D901-920			1SS133T-77	DIODE		
D925			MTZ6.2B	ZENER DIODE		
D926			MTZ2.7B	ZENER DIODE		
D931			1SS133T-77	DIODE	KPMXY	
D932			1SS133T-77	DIODE	ET	60
D933			1SS133T-77	DIODE	X	
D934			1SS133T-77	DIODE	MXETY	
D935			1SS133T-77	DIODE		
FLT901			11-MT-101GK	DISPLAY		50,55
FLT901			11-MT-82GK	DISPLAY		60
IC901			UPD78044AGF051	IC(MICROPROCESSOR)	KPMXY	
IC901			UPD78044AGF075	IC	ET	
IC902			KIA7039P	IC		
Q901,902			2SC1740SR	TRANSISTOR		
Q903			2SA933	TRANSISTOR	MY	

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△ indicates safety critical components.

# KR-V5080/V5580/V6080

## SPECIFICATIONS

### KR-V6080 (for U.S.A. and Canada)

#### Audio section

Rated power output at the STEREO operation

100 watts per channel minimum RMS, both channels driven at 8 Ω, from 4.0 Hz to 20,000 Hz with no more than 0.06 % total harmonic distortions. (FTC)

Power output at the Surround operation

Front

70 watts per channel minimum RMS, both channels driven at 8 Ω, 1 kHz with no more than 0.7 % total harmonic distortions. (FTC)

Center

70 watts minimum RMS, at 8 Ω, 1 kHz with no more than 0.7 % total harmonic distortions. (FTC)

Rear

20 watts per channel minimum RMS, both channels driven at 8 Ω, 1 kHz with no more than 0.7 % total harmonic distortions. (FTC)

Total harmonic distortion (1 kHz, 8 Ω) .....0.03 % at 50 W

Signal to noise ratio (IHF A)

PHONO (MM) .....76 dB

CD .....100 dB

Input sensitivity / impedance

PHONO (MM) .....2.5 mV / 47 kΩ

CD, TAPE, VIDEO .....200 mV / 47 kΩ

Tone controls

BASS .....±10 dB (at 100 Hz)

TREBLE .....±10 dB (at 10 kHz)

Loudness control at -30 dB VOLUME level

.....+8 dB (100 Hz)

#### Video section

VIDEO inputs / outputs (Composite) .....1 Vp-p / 75 Ω

#### FM Tuner section

Tuning frequency range .....87.5 MHz ~ 108 MHz

Usable sensitivity (IHF) .....13.2 dBf (1.2 μV at 75 Ω)

50 dB quieting sensitivity

STEREO .....41.2 dBf (32 μV at 75 Ω)

Total harmonic distortion at 1 kHz

MONO .....0.6 Ω

STEREO .....0.7 Ω

Signal to noise ratio at 65 dBf (IHF)

MONO .....75 dB

STEREO .....68 dB

Selectivity (IHF ±400 kHz) .....50 dB

Stereo separation (IHF at 1 kHz) .....40 dB

#### AM Tuner section

Tuning frequency range .....530 kHz ~ 1,700 kHz

Usable sensitivity .....12 μV / (500 μV / m)

Total harmonic distortion .....0.7 dB

Signal to noise ratio .....48 dB

Selectivity .....30 dB

#### General

Power consumption .....3.6 W

AC outlet

SWITCHED .....2: (total 150 W, 1.2 A max)

Dimensions .....W: 440 mm (17-5 / 16")

H: 143 mm (5-5 / 8")

D: 390 mm (15-3 / 8")

Weight (net) .....9.2 kg (20.3 lb)

### KR-V6080 (for other countries)

#### Audio section

Rated power output at the STEREO operation

1 kHz, 10 % THD at 8 Ω .....120 W + 120 W

(DIN / IEC) from 63 Hz to 12,500 Hz,

0.7 % T.H.D., at 8 Ω .....100 W + 100 W

Power output at the Surround operation

Front (1 kHz, 0.7 % T.H.D. at 8 Ω) .....70 W + 70 W

Center (1 kHz, 0.7 % T.H.D. at 8 Ω) .....70 W

Rear (1 kHz, 0.7 % T.H.D. at 8 Ω) .....20 W + 20 W

Front (1 kHz, 10 % T.H.D. at 8 Ω) .....85 W + 85 W

Center (1 kHz, 10 % T.H.D. at 8 Ω) .....85 W

Rear (1 kHz, 10 % T.H.D. at 8 Ω) .....25 W + 25 W

Total harmonic distortion (1 kHz, 8Ω) .....0.03 % at 50 W

Signal to noise ratio (IHF A)

PHONO (MM) .....76 dB

CD .....100 dB

Input sensitivity / impedance

PHONO (MM) .....2.5 mV / 47 kΩ

CD, TAPE, VIDEO .....200 mV / 47 kΩ

Tone controls

BASS .....±10 dB (at 100 Hz)

TREBLE .....±10 dB (at 10 kHz)

Loudness control at -30 dB VOLUME level

.....+8 dB (100 Hz)

#### Video section

VIDEO inputs / outputs (Composite) .....1 Vp-p / 75 Ω

#### FM Tuner section

Tuning frequency range .....87.5 MHz ~ 108 MHz

Usable sensitivity (IHF) .....13.2 dBf (1.2 μV at 75 Ω)

50 dB quieting sensitivity

STEREO .....41.2 dBf (32 μV at 75 Ω)

Total harmonic distortion at 1 kHz

MONO .....0.6 %

STEREO .....0.7 %

Signal to noise ratio at 65 dBf (IHF)

MONO .....75 dB

STEREO .....68 dB

Selectivity (IHF ±400 kHz) .....50 dB

Stereo separation (IHF at 1 kHz) .....40 dB

#### AM Tuner section

Tuning frequency range

9 kHz .....531 kHz ~ 1,602 kHz

10 kHz .....530 kHz ~ 1,610 kHz

Usable sensitivity .....12 μV / (500 μV / m)

Total harmonic distortion .....0.7 %

Signal to noise ratio .....48 dB

Selectivity .....30 dB

#### General

Power consumption .....270 W

AC outlet

SWITCHED .....2: (total 150 W max.)

Dimensions .....W: 440 mm

H: 143 mm

D: 390 mm

Weight (net) .....9.2 kg

# KR-V5080/V5580/V6080

## SPECIFICATIONS

### KR-V5580 (for U.S.A. and Canada)

#### Audio section

Rated power output at the STEREO operation

80 watts per channel minimum RMS, both channels driven at 8 Ω, from 4.0 Hz to 20,000 Hz with no more than 0.06 % total harmonic distortions. (FTC)

Power output at the Surround operation

Front

50 watts per channel minimum RMS, both channels driven at 8 Ω, 1 kHz with no more than 0.7 % total harmonic distortions. (FTC)

Center

50 watts minimum RMS, at 8 Ω, 1 kHz with no more than 0.7 % total harmonic distortions. (FTC)

Rear

15 watts per channel minimum RMS, both channels driven at 8 Ω, 1 kHz with no more than 0.7 % total harmonic distortions. (FTC)

Total harmonic distortion (1 kHz, 8 Ω) .....0.03 % at 50 W

Signal to noise ratio (IHF A)

PHONO (MM) .....74 dB

CD .....100 dB

Input sensitivity / impedance

PHONO (MM) .....2.5 mV / 47 kΩ

CD, TAPE, VIDEO .....200 mV / 47 kΩ

Tone controls

BASS .....±10 dB (at 100 Hz)

TREBLE .....±10 dB (at 10 kHz)

Loudness control at -30 dB VOLUME level

.....+8 dB (100 Hz)

#### Video section

VIDEO inputs / outputs (Composite) .....1 Vp-p / 75 Ω

#### FM Tuner section

Tuning frequency range .....87.5 MHz ~ 108 MHz

Usable sensitivity (IHF) .....13.2 dBf (1.2 μV at 75 Ω)

50 dB quieting sensitivity

STEREO .....41.2 dBf (32 μV at 75 Ω)

Total harmonic distortion at 1 kHz

MONO .....0.6 Ω

STEREO .....0.7 Ω

Signal to noise ratio at 65 dBf (IHF)

MONO .....75 dB

STEREO .....68 dB

Selectivity (IHF ±400 kHz) .....50 dB

Stereo separation (IHF at 1 kHz) .....40 dB

#### AM Tuner section

Tuning frequency range .....530 kHz ~ 1,700 kHz

Usable sensitivity .....12 μV / (500 μV / m)

Total harmonic distortion .....0.7 dB

Signal to noise ratio .....48 dB

Selectivity .....30 dB

#### General

Power consumption .....2.8 W

AC outlet

SWITCHED .....2: (total 150 W, 1.2 A max)

Dimensions .....W: 440 mm (17-5 / 16")

H: 143 mm (5-5 / 8")

D: 380 mm (14-15 / 16")

Weight (net) .....8.9 kg (19.6 lb)

#### Audio section

Rated power output at the STEREO operation

1 kHz, 10 % THD at 8 Ω .....100 W + 100 W

(DIN / IEC) from 63 Hz to 12,500 Hz,

0.7 % T.H.D., at 8 Ω .....80 W + 80 W

Power output at the Surround operation

Front (1 kHz, 0.7 % T.H.D. at 8 Ω) .....50 W + 50 W

Center (1 kHz, 0.7 % T.H.D. at 8 Ω) .....50 W

Rear (1 kHz, 0.7 % T.H.D. at 8 Ω) .....15 W + 15 W

Front (1 kHz, 10 % T.H.D. at 8 Ω) .....75 W + 75 W

Center (1 kHz, 10 % T.H.D. at 8 Ω) .....75 W

Rear (1 kHz, 10 % T.H.D. at 8 Ω) .....23 W + 23 W

Total harmonic distortion (1 kHz, 8Ω) .....0.03 % at 50 W

Signal to noise ratio (IHF A)

PHONO (MM) .....74 dB

CD .....100 dB

Input sensitivity / impedance

PHONO (MM) .....2.5 mV / 47 kΩ

CD, TAPE, VIDEO .....200 mV / 47 kΩ

Tone controls

BASS .....±10 dB (at 100 Hz)

TREBLE .....±10 dB (at 10 kHz)

Loudness control at -30 dB VOLUME level

.....+8 dB (100 Hz)

#### Video section

VIDEO inputs / outputs (Composite) .....1 Vp-p / 75 Ω

#### FM Tuner section

Tuning frequency range .....87.5 MHz ~ 108 MHz

Usable sensitivity (IHF) .....13.2 dBf (1.2 μV at 75 Ω)

50 dB quieting sensitivity

STEREO .....41.2 dBf (32 μV at 75 Ω)

Total harmonic distortion at 1 kHz

MONO .....0.6 %

STEREO .....0.7 %

Signal to noise ratio at 65 dBf (IHF)

MONO .....75 dB

STEREO .....68 dB

Selectivity (IHF ±400 kHz) .....50 dB

Stereo separation (IHF at 1 kHz) .....40 dB

#### AM Tuner section

Tuning frequency range

9 kHz .....531 kHz ~ 1,602 kHz

10 kHz .....530 kHz ~ 1,610 kHz

Usable sensitivity .....12 μV / (500 μV / m)

Total harmonic distortion .....0.7 %

Signal to noise ratio .....48 dB

Selectivity .....30 dB

#### General

Power consumption .....220 W

AC outlet

SWITCHED .....2: (total 150 W max.)

Dimensions .....W: 440 mm

H: 143 mm

D: 380 mm

Weight (net) .....9.1 kg

# KR-V5080/V5580/V6080

## SPECIFICATIONS

### KR-V5080

#### Audio section

Rated power output at the STEREO operation  
(DIN / IEC) from 63 Hz to 12,500 Hz  
0.7 % T.H.D., at 8  $\Omega$  .....50 W + 50 W

Power output at the Surround operation

Front	(1 kHz, 0.7 % at 8 $\Omega$ )	.....40 W + 40 W
Center	(1 kHz, 0.7 % at 8 $\Omega$ )	.....40 W
Rear	(1 kHz, 0.7 % at 8 $\Omega$ )	.....10 W + 10 W

Total harmonic distortion (1 kHz, 8 $\Omega$ ) 0.03 % at 50 W

Signal to noise ratio

PHONO (MM)	.....56 dB (DIN, 50 mW output)
CD	.....57 dB (DIN, 50 mW output)

Input sensitivity / impedance

PHONO (MM)	.....2.5 mV / 47 k $\Omega$
CD, TAPE, VIDEO	.....200 mV / 47 k $\Omega$

Tone controls

BASS	..... $\pm$ 10 dB (at 100 Hz)
TREBLE	..... $\pm$ 10 dB (at 10 kHz)
Loudness control at - 30 dB VOLUME level	.....
	.....+ 8 dB (100 Hz)

#### Video section

VIDEO inputs / outputs  
(Composite).....1 Vp-p / 75  $\Omega$

#### FM Tuner section

Tuning frequency range .....87.5 MHz ~ 108 MHz

Usable sensitivity ((DIN at 75  $\Omega$ )

MONO	.....1.0 $\mu$ V
STEREO	......45 $\mu$ V

Total harmonic distortion at 1 kHz (DIN)

MONO	.....0.15 %
STEREO	.....0.5 %

Signal to noise ratio (DIN weighted at 1kHz)

MONO	.....68 dB (65.2 dBf input)
STEREO	.....61 dB (65.2 dBf input)

Selectivity (DIN  $\pm$  300 kHz) .....53 dB

Stereo separation (DIN)

1 kHz	.....40 dB
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#### AM Tuner section

Tuning frequency range .....531 kHz ~ 1,602 kHz

Usable sensitivity .....12  $\mu$ V / (500  $\mu$ V / m)

Total harmonic distortion .....0.3 %

Signal to noise ratio  
(at 30% mod. 1mV input).....50 dB

Selectivity .....30 dB

#### General

Power consumption.....170 W

AC outlet

SWITCHED	..... 2: (total 150 W max)
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Dimensions.....W : 440 mm  
H : 143 mm  
D : 380 mm

Weight (net) .....7.7 kg

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

#### Note:

Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on the General market(M) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

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